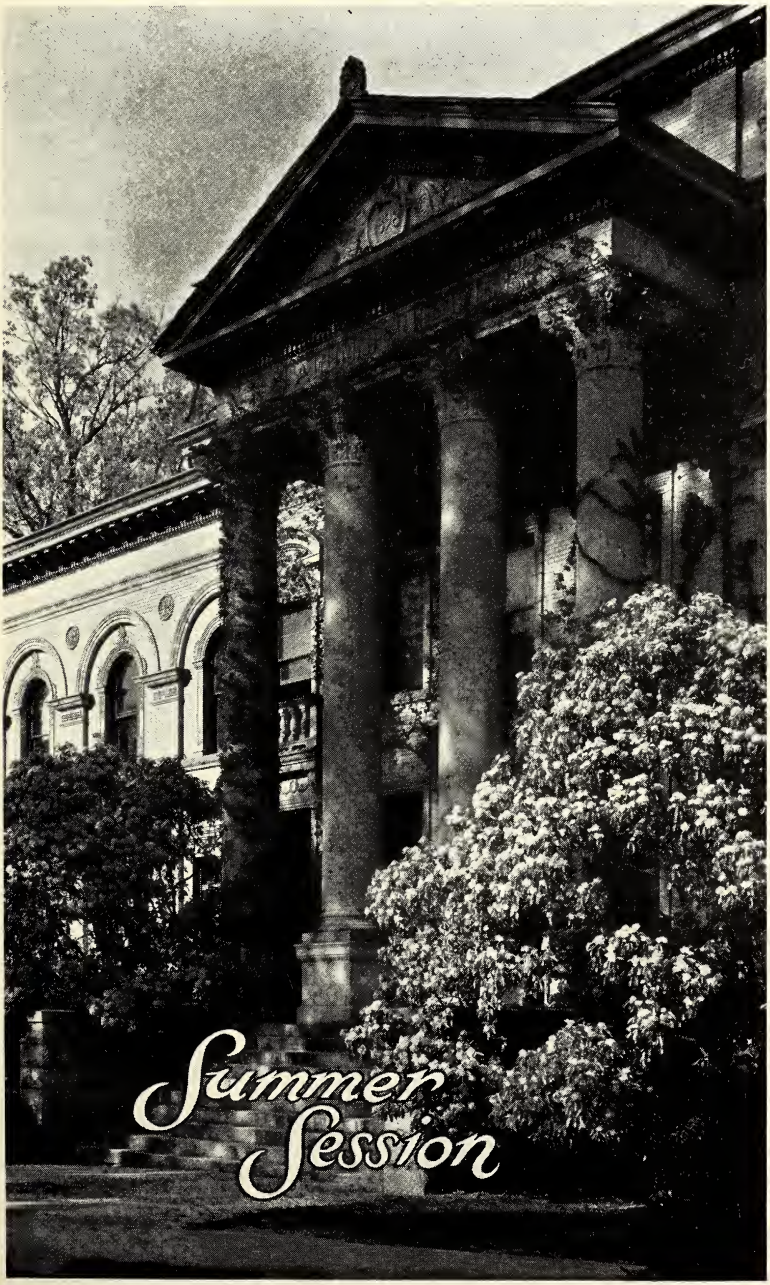
FEBRUARY 20, 1940 NUMBER 352

THE UNIVERSITY OF NORTH CAROLINA RECORD



CHAPEL HILL, NORTH CAROLINA

FEBRUARY 20, 1940 NUMBER 352

THE UNIVERSITY OF NORTH CAROLINA RECORD

THE UNIVERSITY OF NORTH CAROLINA PRESS
ISSUED 12 TIMES A YEAR AS FOLLOWS: 4 NUMBERS IN FEBRUARY, 3 NUMBERS IN MARCH, 3 NUMBERS IN APRIL, 1 NUMBER EACH IN JUNE AND OCTOBER
ENTERED AS SECOND-CLASS MATTER AT THE POSTOFFICE AT
CHAPEL HILL, N. C.
UNDER THE ACT OF AUGUST 24, 1912

ANNOUNCEMENT OF THE

SUMMER SESSION

AT CHAPEL HILL, N. C.

1940

First Term: June 13th-July 20th

Second Term: July 22nd-August 28th

CALENDAR

First Term

June 13, *Thursday*—Registration Day. (Extra fee for late registration after today.

June 14, *Friday*—Instruction begins in all departments at 8:00. (Those registering today—or tomorrow—will be required to pay an extra fee of $2.50 for late registration.

June 15, *Saturday*—Regular classes in all departments.

June 17, *Monday*—Those registering today or Tuesday will be required to pay an extra fee of $5.00 for late registration.

June 18, *Tuesday*—Registration for credit will not be permitted after 5:00 o'clock today, except by executive permission.

June 29, *Saturday*—Regular classes in all departments.
July 4, *Thursday*—Regular classes in all departments.
July 13, *Saturday*—Regular classes in all departments.
July 19-20, *Friday and Saturday*—Examinations.

Second Term

July 22, *Monday*—Registration of new students. (Extra fee for late registration after today).

July 23, *Tuesday*—Instruction begins in all departments at 8:00. (Those registering today—or tomorrow—will be required to pay an extra fee of $2.50 for late registration).

July 25, *Thursday*—Those registering today—or Friday—will be required to pay an extra fee of $5.00 for late registration.

July 26, *Friday*—Registration for credit will not be permitted after 5:00 o'clock today, except by executive permission.

July 27, *Saturday*—Regular classes in all departments.

August 2, *Friday*—Masters' theses may not be submitted after this date.

August 9, *Friday*—Written examinations for the Master's degree may not be taken after this date.

August 10, *Saturday*—Regular classes in all departments.
August 24, *Saturday*—Regular classes in all departments.
August 26, *Monday*—Class instruction ends at 6:00 P. M.
August 27-28, *Tuesday and Wednesday*—Final examinations.

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OFFICERS OF ADMINISTRATION

Frank Porter Graham, M.A., LL.D., D.C.L., Litt.D., *President*

Robert Burton House, A.M., *Dean of Administration and Director of the Summer Session*

Guy Berryman Phillips, A.B., *Secretary of the Summer Session*

Livingston Bertram Rogerson, C.P.A., *Assistant Controller*

Thomas James Wilson, Jr., Ph.D., *Dean of Admissions, Registrar, and Secretary of the Faculty*

Ben Husbands, A.B., *Associate Registrar*

Carl M. White, Ph.D., *Librarian*

Frances Foster Bradshaw, Ph.D., *Dean of Students*

Mrs. Marvin Hendrix Stacy, *Adviser to Women*

Robert Allison Fetzer, B.S., M.A., *Director of Physical Education and Athletics*

Julius Algernon Warren, *Treasurer and Bursar*

Russell Marvin Grumman, B.H., *Director of Extension*

Walter Reece Berryhill, A.B., M.D., *University Physician and Director of the University Infirmary*

William W. McKee, A.B., B.D., *Acting Secretary Y. M. C. A.*

Robert N. Magill, *Director of Graham Memorial*

THE COLLEGES AND THE SCHOOLS

Allan Wilson Hobbs, Ph.D., *Dean of the College of Arts and Sciences*

William Whatley Pierson, Ph.D., *Dean of the Graduate School*

Maurice Taylor Van Hecke, J.D., *Dean of the School of Law*

William deBerniere MacNider, M.D., Sc.D., LL.D., *Dean of the School of Medicine*

John Grover Beard, Ph.G., Ph.M., *Dean of the School of Pharmacy*

Dudley deWitt Carroll, M.A., *Dean of the School of Commerce*

Susan Grey Akers, Ph.D., *Director of the School of Library Science*

Corydon Perry Spruill, Jr., A.B., B.Litt.(Oxon.), *Dean of the General College*

GENERAL STATEMENT

The Summer Session of the University of North Carolina at Chapel Hill is administered in exactly the same manner as the regular session of the University, except that the summer quarter is divided into two terms of six weeks each. All matters concerning courses of study, credits, and academic organizations are handled through the department heads and deans exactly as in the regular session. The Dean of Administration of the University is general director of the Summer Session under the President in the same manner that he is general director under the President of the regular year of the University.

The Division of Teacher Training, which has all of the advantages and responsibilities of a School of Education plus the coöperative support of all the regular departments of the University, has been established to assume the major task of directing the preparation of teachers for the public schools. This Division is composed of all members of the Education faculty and one member from each department or division of the University. The functions of this organization are as follows: to develop and apply a technique of student selection for teacher training, to formulate and approve appropriate courses of study, to give personal guidance to students during their period of training, and to continue guidance through a comprehensive placement service. Under this plan the entire University becomes a part of the Teacher Training program.

The work at Chapl Hill is coördinated as far as possible with the work at the North Carolina State College in Raleigh and at the Woman's College in Greensboro. Attention is called to the announcements of the summer session at these units of the University of North Carolina which appear as the concluding pages of this catalogue.

* * * * * * *

Every effort will be made to carry out the program described in this bulletin. Since the catalogue is issued early in the year for the convenience of prospective summer students, it may be found necessary to make a few substitutions in courses and personnel. Any material changes will be announced as they occur.

STAFF OF INSTRUCTION

Members of the University's Regular Staff

JOSEPH EDISON ADAMS, PH.D.....BOTANY
Assistant Professor of Botany — First Term

NICHOLSON BARNEY ADAMS, PH.D.....SPANISH
Professor of Spanish — First Term

ENGLISH BAGBY, PH.D.....PSYCHOLOGY
Professor of Psychology — First Term

JAMES OLIVER BAILEY, PH.D.....ENGLISH
Assistant Professor of English — First Term

ABRAM GUSTAVUS BAYROFF, PH.D.....PSYCHOLOGY
Assistant Professor of Psychology — Both Terms

ALFRED WALTER BEERBAUM, A.B.....GERMAN
Instructor in German — First Term

EDWARD MORRIS BERNSTEIN, PH.D.....ECONOMICS
Professor of Economics — First Term

ALLEN THOMAS BONNELL, PH.D.....ECONOMICS
Instructor of Economics — First Term

JOHN MANNING BOOKER, PH.D.....ENGLISH
Professor of English — First Term

HENRY PARKER BRANDIS, JR., LL.B.....LAW
Assistant Professor of Law — Second Term

MILLARD BRECKENRIDGE, PH.B., LL.B.....LAW
Professor of Law — First Term

LEE MARSHALL BROOKS, PH.D.....SOCIOLOGY
Associate Professor of Sociology — First Term

ROY MELTON BROWN, PH.D.....PUBLIC WELFARE
Professor of Pubic Welfare Administration and Director of the Division of Public Welfare and Social Work — Second Term

EDWARD TANKARD BROWNE, PH.D.....MATHEMATICS
Professor of Mathematics — First Term

HAROLD WILLIAM BROWN, CcD., M.D., DR.P.H.....PUBLIC HEALTH
Professor of Public Health — Second Term

DANIEL HOUSTON BUCHANAN, PH.D.....ECONOMICS
Professor of Economics — Second Term

WILLIAM GREEN BURKS, M.A.....SPANISH
Instructor in Spanish — First Term

DUDLEY DEWITT CARROLL, M.A.....ECONOMICS
Professor of Economics and Dean of the School of Commerce — First Term

EDWARD ALEXANDER CAMERON, PH.D.....MATHEMATICS
Assistant Professor of Mathematics — Second Term

ALBERT COATES, LL.B.....LAW
Professor of Law — First Term

FREDERIC EDWARD COENEN, PH.D.....GERMAN
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Professor Physical Education and Director Physical Education for Men — First Term

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Associate Professor of Economics — FirstTerm

HARRY WOLVEN CRANE, PH.D.....PSYCHOLOGY
Professor of Psychology — First Term

WALTER DEVEREAUX CREECH, M.A.....FRENCH
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HORACE DOWNS CROCKFORD, PH.D. — CHEMISTRY
Professor of Chemistry — First Term

ROBERT WILLINGHAM CRUTCHFIELD, A.B. — COMMERCE
Instructor in Commerce — Second Term

JAMES TALMADGE DOBBINS, PHD. — CHEMISTRY
Professor of Chemistry — First Term

RUTH EVELYN DODD, S.M. — PUBLIC WELFARE
Case Work Supervisor — Both Terms

FLOYD HARRIS EDMISTER, PH.D. — CHEMISTRY
Associate Professor of Chemistry — First Term

RICHARD ARCHER EDWARDS, PH.D. — GEOLOGY
Instructor in Geology — Second Term

SAMUEL THOMAS EMORY, A.M. — GEOGRAPHY
Associate Professor of Geography — Second Term

ALFRED GARVIN ENGSTROM, A.M. — FRENCH
Instructor in French — Second Term

PRESTON HERSCHEL EPPS, PH.D. — GREEK
Associate Professor of Greek — Second Term

FRANKLIN C. ERICKSON, PH.D. — GEOGRAPHY
Assistant Professor of Geology — First Term

ESTON EVERETT ERICSON, PH.D. — ENGLISH
Professor of English — First Term

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Associate Professor of Physiology — First Term

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Associate Professor of Political Science — First Term

KEENER CHAPMAN FRAZER, A.M. — POLITICAL SCIENCE
Professor of Political Science — First Term

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Assistant Professor of German — Second Term

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Professor of Physics — First Term

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Professor of History — First Term

FLETCHER MELVIN GREEN, PH.D. — HISTORY
Professor of History — Second Term

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Instructor in Education — First Term

JOHN MINOR GWYNN, PH.D. — EDUCATION
Associate Professor of the Teaching of Latin — First Term

JAMES PENROSE HARLAND, PH.D. — ARCHAEOLOGY
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Kenan Professor of Latin — First Term

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GLEN HAYDON, PH.D. — MUSIC
Professor of Music — First Term

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Instructor in Spanish — Second Term

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ARCHIBALD HENDERSON, PH.D. — MATHEMATICS
Kenan Professor of Mathematics — First Term

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Professor of Law — Second Term

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Associate Professor of Psychology — First Term

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Professor of Economics — Second Term

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Kenan Professor of Economics — First Term

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Assistant Professor of Violin and Theory, Meredith College, Raleigh, N. C. — First Term

DOROTHY ALDEN, M.B. ..... MUSIC
Violinist, Raleigh, N. C. — First Term

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Social Work Consultant — Both Terms

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Professor of English, University of Omaha — First Term

J. STEWART BURGESS, PH.D. ..... SOCIOLOGY
Chairman, Department of Sociology — First Term

F. W. COKER, PH.D. ..... POLITICAL SCIENCE
Professor Political Science, Yale University — First Term

WALTER WHEELER COOK, LL.M., LL.D. ..... LAW
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Children's Librarian, Public Library, Durham, N. C. — First Term

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Principal, Clifford J. Scott High School, East Orange, N. J. — Second Term

FREDERICK HENRY KOCH, JR., M.A. ..... DRAMATIC ART
Assistant Professor of Dramatic Arts, University of Miami, Miami, Florida — First Term

FLORINE LEWTER, B.A. IN LIB. SCI. ..... LIBRARY SCIENCE
Librarian, Durham Senior High School, and Head, Library Department Durham City Schools — Both Terms

WAYNE LOWE, M.A. ..... EDUCATION
Principal Cazenovia Central School, Cazenovia, N. Y. — Second Term

ADELINE DENHAM, MCCALL, B.A. ..... MUSIC
Chapel Hill City Schools — First Term

ROBEN JOHN MAASKE, PH.D. ..... EDUCATION
President State Teachers College, LaGrande, Oregon — Second Term

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J. HARRIS MITCHELL, A.B. ..... MUSIC
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ROSEAMONDE PORTER, PH.D. ..... EDUCATION
Professor of Education, Temple University — First Term

J. DOUGLASS POTEAT, LL.B., J.S.D. ..... LAW
Professor of Law, Duke University, Durham, North Carolina — Second Term

BEATRICE E. RITTER, B.S., M.A. ..... EDUCATION
Dean of School of Nursing, Temple University — First Term

WILLIAM MCKINLEY ROBINSON, PH.D. ..... EDUCATION
Director, Department Rural Education, Western State Teachers College, Kalamazoo, Michigan — First Term

W. E. ROSENSTENGEL, PH.D. ..... EDUCATION
Superintendent Schools, Columbia, Missouri — First Term

GILES MURRELL RUCH, PH.D. ..... EDUCATION
Research and Statistical Service, United States Office of Education, Washington, D. C. — First Term

FRANCES SLOAN, B.S. ..... MUSIC
Instrumental Teacher, Greensboro, N. C. — First Term

EDITH N. SNOW, A.B., B.L.S. — LIBRARY SCIENCE
Associate Professor, Carnegie Library School, Carnegie Institute of Technology, Pittsburgh, Pennsylvania — First Term

RAY V. SOWERS, A.B. — SOCIOLOGY
Professor of Sociology and Dean of Students, Florida Southern College, Lakeland, Florida — Second Term

JAMES A. SPRUILL, JR., B.A. (Oxon), LL.B., LL.M. — LAW
Assistant Professor of Law, University of Georgia — Second Term

MARY LEATH STEWART, M.A. — ART
Assistant Professor of Art, Woman's College of the University of North Carolina — First Term

JOHN A. TIEDEMAN, PH.D. — PHYSICS
Assistant Professor of Physics, Woman's College of the University of North Carolina — First Term

JAMES S. TIPPETT, M.A. — EDUCATION
Former Director Curriculum, Parker District, Greenville, S. C. — First Term

GORDON TUCKER, PH.D. — ZOOLOGY
Instructor in Zoology, Duke University, Durham, North Carolina — Second Term

WILLIAM POWELL TWADDELL — MUSIC
Director of Music, Durham, N. C., Public Schools — First Term

HARRY R. WARFEL, PH.D. — ENGLISH
Professor of English, University of Maryland — Second Term

JAMES WATSON, M.D., D.Sc. — SOCIAL WORK
Director Division Mental Hygiene, North Carolina State Board of Charities and Public Welfare — First Term

B. O. WILLIAMS, PH.D. — SOCIOLOGY
Professor of Sociology, Clemson College — Second Term

DR. CARSON RYAN

Since the organization of the catalogue material was completed and ready for printing, Dr. Carson W. Ryan has been added to the Summer Session staff. It is impossible to announce the specific courses which he will teach and direct, but it is being announced that he will be available during the Summer Session to assist graduate students and to direct certain regular courses.

Dr. Ryan is at present on the staff of the Carnegie Foundation for the Advancement of Teaching. He is a former professor and member of the staff of Education at Swarthmore College. He has served as President of the Progressive Education Association and is now Editor of the magazine of that Association. Dr. Ryan's intimate association with educational problems throughout the country will make him a very valuable addition to the Summer Session staff.

PART I—GENERAL INFORMATION

The Summer Session: June 13-August 28

The University Summer Session at Chapel Hill will open on Thursday, June 13, 1940, and continue for twelve weeks, closing on Wednesday, August 28. The session will be divided into two terms of six weeks each. The first term will begin on Thursday, June 13, and close on Saturday, July 20. The second term will begin on Monday, July 22, and close on Wednesday, August 28.

Registration

Registration in person for the first term of the Summer Session will be held on Thursday, June 13, and in the second term on Monday, July 22. All students should be present and register on the registration day, as regular class work in all departments will begin promptly at 8:00 on the following morning.

Registration for credit in the first term will not be permitted, except by executive permission, after 5:00 p. m. Tuesday, June 18, nor in the second term after 5:00 p. m. Friday, July 26. An extra fee is charged for delayed registration. See Calendar.

Admission. Women students are admitted to all classes of the University Summer Session on the same basis as men. This means that the following groups are eligible: (a) Graduates of standard high schools, (b) College students from any institution, (c) Teachers holding regular State certificates, (d) Graduate students, (e) Special mature students not applicants for degrees.

Students who meet the above requirements for admission are not required to make formal application for admission to the Summer Session in advance of registration. Advanced students who are not seeking degree credit at the University of North Carolina are not required to submit transcripts of their previous work.

Divisions of the Summer Session. The College Division (undergraduates), the Graduate School, and the Schools of Law, and Library Science.

Credits. Three courses meeting five or six hours a week constitute a student's normal load in the summer session. A student in the Undergraduate Division may carry four courses, provided he has the approval of the Dean of the School in which he is registered. All courses carry degree credit in one or more divisions of the University. The Summer

Session course meeting five or six hours a week for six weeks carries a credit of 2½ or 3 quarter hours respectively or 1 2/3 or 2 semester hours respectively. (For certificate credit in North Carolina each such course carries credit for two semester hours; one meeting ten or twelve hours a week, four semester hours). A course meeting ten or twelve hours a week for six weeks carries double credit.

Attendance. Absences are counted from the first meeting of each course. No unexcused absences are permitted in the Summer Session.

Standard of Work

The standard of work in courses given for University credit will be in all respects that of the corresponding courses given during the regular session, as these courses are an integral part of the work of the University. It is the hope of the University that, by giving such courses, increased service may be rendered to the growing body of teachers in the state who have already completed college courses or done some work of college grade and who now desire while in service to improve themselves along both professional and cultural lines.

Courses of freshman and sophomore grade will not be credited as graduate work. Courses of junior and senior grade if numbered above 100 in the statement of courses (see Part II of this announcement), may be given such credit as is indicated in the regulations below. Definite information about the different credit that certain courses carry can be obtained at the time of registration.

Term Reports, Grades, and Professional Credits

Regular examinations will be held at the close of each term, and a report of his standing in all studies will be sent to each student. Records of those students desiring professional credits with the State Department of Education will be sent to that department immediately after the close of each term, *provided record cards, furnished for this purpose, have been carefully filled out by such students and left in charge of the Recorder.*

The reports are based upon the following system of marking:

Grade A, Excellent	Grade D, Barely passed
Grade B, Good	Grade F, Failed
Grade C, Fair	*Grade I, Work incomplete

* The grade I indicates a deficiency in a certain portion of the work of a course. It may be converted into one of the other grades by completing within a period of twelve months such additional assignments as may be required by the instructor in the course. A grade of I not so converted becomes grade F. In the Summer Session the grade E is not used.

A student must attain a grade of D to pass in any study. Students receiving grade F must repeat the study to receive any credit for the same.

Grades for each graduate course completed are reported to the Dean and to the Recorder. These grades are as follows:

"Passed," which represents satisfactory work.

"Failed," which represents work that is unsatisfactory for graduate credit.

No work falling below the standard represented by the grade of "Passed" is counted for graduate credit. If, in the judgment of the Graduate School, the quality of the work done by any student falls below the standard expected of graduate students, the registration of such a student will be canceled.

Degrees: When Conferred

Degrees are conferred at the annual commencement in June and at the close of the second term of the Summer Session. Degrees conferred at the close of the Summer Session are awarded without academic ceremony.

**Admission to Undergraduate Courses

Applicants for admission to courses of freshman grade must satisfy the requirements for entrance as laid down in the University catalogue. These requirements comprise a total of 15 units selected from the subjects of English, foreign languages (ancient and modern), history, mathematics, science, and vocational subjects. For details the applicant is referred to the University catalogue.

Applicants for courses of advanced grade must furnish evidence of work of college grade completed at this or another institution.* Such evidence must consist of the official statement from the institution where the work was done, showing definitely the courses pursued and the amount of credit recorded. Admission to specific courses will be determined in each case by the department on the basis of previous preparation.

Application for admission to undergraduate courses should be sent in advance to the Dean of Admissions. This application should be accompanied by a certificate of preparation, or official statements from other institutions that the applicant has attended, and a list of the courses the applicant desires to pursue. Blanks for this purpose will be furnished on request.

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* Advanced students not seeking credit in this institution are not required to submit transcripts of their former records.

** The following statements apply only to those who plan to be candidates for degrees in this institution.

Requirements for Degrees

The minimum course requirement for a Bachelor's degree, stated in quarter hours, is 192 quarter hours, including six hours in Physical Education. For the S.B. degree in the scientific departments there are specific requirements which must be met even if the total number of hours exceeds the minimum.

The minimum residence requirement is one academic year of three consecutive quarters within a period of twelve months.

In the first two years the general requirements can be stated as consisting of two years of English, with courses meeting three hours a week; two years of social science, meeting three hours a week; two years of a foreign language above the required two units for entrance, meeting three hours a week; two years of natural science, meeting four hours a week; one year of mathematics, meeting three hours a week, *or* one year of Latin or Greek above the two units for entrance, meeting three hours a week; and one year of an elective subject chosen from the field of the student's major interest, meeting three hours a week.

In the Junior and Senior years the student is supposed to give about one-third of his time to his major subject, one-third to allied subjects, and one-third to electives outside the Division of the major. A comprehensive examination is given in the major subject when the student is prepared to take it. The specifications for the various majors may be found in the General Catalogue of the University. Special programs of study at variance with the prescriptions of any major may be submitted for approval to the Division concerned.

A grade of "C" or better is necessary in half the total number of hours required for a degree.

Slight variations from the regular program of study are made in the case of students in Music, Art, and the S.B. degrees, including the S.B. in Commerce.

The Graduate School

The Summer Session offers excellent opportunities for carrying on advanced work in many fields of learning. Graduates of standard colleges are admitted to the Graduate School during the summer term on precisely the same basis as in the regular session. Such students may become candidates for advanced degrees or may register as special students in such courses as they desire.

Students who wish to pursue in the Summer Session courses leading to the Master's degree should bring with them when they register a transcript of their college credits. In case the student has not had sufficient training to enable him to pursue strictly graduate courses, provision may be made in the Summer Session for the making up of such deficiency.

The Graduate School and the Departments have instituted a plan of curricular reorganization. Courses will be offered in cycles, following a sequence of three years. This plan, it is thought, will facilitate securing by the student logical and evenly balanced programs of study.

No student may receive credit during any one Summer Session for more than three courses in the Graduate School.

1. *Admission.* Holders of degrees from standard colleges are admitted without examination upon presentation of their credentials. *It will save time at registration if these credentials are submitted in advance of the opening of the Summer Session.*

Admission to the Graduate School is not the same as admission to candidacy for a higher degree. For admission to candidacy for a degree a student must have been in residence in the Graduate School for one quarter or two summer terms. Action on each case is postponed until the student has progressed sufficiently to make possible the planning of his course. This does not imply any increase in the length of time necessary for the attainment of the degree; it means simply that the individual record of each student, undergraduate as well as graduate, is taken into account in determining what must be done in order to secure the degree.

2. *Regulations as to Courses.* While graduate students may register for any of the courses offered by the Summer Session Faculty, no courses will count for credit towards an advanced degree unless they are classified as graduate courses in this bulletin or in the Catalogue of the Graduate School. These courses must be selected in accordance with the rules for major and minor subjects set forth in the Catalogue of the Graduate School. In general, this means that two-thirds of a candidate's work during his entire period of residence (three summers being the usual time required(must be from one department, the remaining one-third being from a closely allied minor department.

3. *Requirements for the Master's degree.* For a detailed statement of the requirements for the degrees of Master of Arts and Master of Science, the student is referred to the catalogue of the Graduate School. These rules are the same in their application to Summer Session Students as in the

case of students registered for the regular sessions. Students may continue their studies during the year under the direction of the special committees in charge of their work, and may do part of the work required for their theses in this manner. In certain approved cases, also, credit not to exceed six semester hours (or nine quarter hours) may be transferred for work done in another university. Every such case is treated individually and must be approved by the Administrative Board of the Graduate School, on recommendation of the department of major study, at the time application is made for admission to candidacy for a higher degree. Students who are not admitted under these special conditions will find three full summer quarters necessary for the completion of the requirements for the Master's degree.

Work taken more than six years before the date at which the Master's degree is expected may not be used to count for credit toward that degree.

A reading knowledge of at least one modern foreign language is required of candidates for the Master's degree. This knowledge will be tested by a special examination given by the language department, and must be certified to before the student is admitted to candidacy for the degree.

The thesis must be written in accordance with provisions stated in the Graduate Catalogue. It may count not to exceed one course. This thesis may be handed in, and the final oral and written examinations may be taken by special arrangement during the year. (See scheduled dates on the calendar.) The Master's degree is conferred at Commencement in June and at the end of the second term of the Summer Session.

Candidates for the Master's degree with a major in Education may follow one of the three plans outlined below:

The Masters of Arts degree is based on the present requirements for the M.A. degree including a reading knowledge of a modern foreign language. The Master of Arts degree as now administered requires 9 full courses or 45 quarter hours with six courses in the major field and three in the minor field with a thesis.

The Master of Arts in Education degree provides that on recommendation of the Head of the Department and the student's adviser, the student may be relieved of the requirement of a reading knowledge of a modern foreign language by substitution of an adequate training in statistical or historical methods of investigation. This degree also requires the 9 full courses or 45 quarter hours with six in the major field and three in the minor field with the thesis.

The Master of Education degree provides (a) distribution of 9 full courses or 45 quarter hours which will allow a maximum of 20 quarter hours or four graduate courses in one or more departments other than Education in accordance with the student's needs as agreed upon by the student and his adviser and approved by the committee appointed for that purpose; (b) one course of 5 quarter hours credit in a seminar including one or more seminar papers in the major field of concentration in the Department of Education, or a Thesis; (c) one half course in Procedures of Educational Research (Education 201) and one half course in the Educational Statistics (Education 103).

Candidates for the Master's Degree may not shift from one plan to another after the completion of as much as two-thirds of the requirements under one plan.

Candidates should register in the Graduate School for degree credit at the beginning of their course. Before the completion of three courses of 15 quarter hours of Graduate work the student must, in consultation with the head of the Department of Education, select an adviser in his major field of study in the Department of Education whose duty it will be to guide the student in the selection of his courses and program of work. The fields in which a graduate major or minor may be chosen are as follows:

Elementary Education
Secondary Education
School Administration and Supervision
Educational Psychology
History and Comparative Education
Physical and Health Education
Guidance and Personnel Work

4. *Requirements for the Doctor's Degree.* Prospective candidates for the degree of Doctor of Philosophy are referred to the Catalogue of the Graduate School for a detailed statement of the requirements for the degree. For purposes of convenience a summary of these requirements is presented here:

1. Admission is the same as for the master's degree.
2. A minimum of three years of graduate study, at least one of which must be at the University of North Carolina.
3. A reading knowledge of French and German.
4. A major covering adequately the field of major interest and at least twenty semester hours (or thirty quarter hours) in a minor.
5. A preliminary oral examination.
6. A written examination in the field of major interest.
7. An oral examination covering the entire field of study.
8. A dissertation.

5. *Further Information.* All students who propose to do work leading to an advanced degree should read carefully the catalogue of the Graduate School, which will be sent on application to the Dean of the Graduate School.

Schedule

In the Summer Session schedule the day is divided into periods as follows:

MORNING HOURS

First Period	8:00	to	9:00
Second Period	9:00	to	10:00
Third Period	10:00	to	11:00
Fourth Period	11:00	to	12:00
Fifth Period	12:00	to	1:00

AFTERNOON HOURS

First Period	2:00	to	3:00
Second Period	3:00	to	4:00
Third Period	4:00	to	5:00
Fourth Period	5:00	to	6:00

Hours and places for the meetings of classes in most cases are shown in the descriptions of the various courses in this catalogue.

Placement Bureau

It will be the purpose of the Department of Education to maintain a highly professional placement service for the benefit of teachers and school officials. While the Bureau cannot guarantee placement, it will strive to become a means of bringing the teacher and employment official together. The officials of the Bureau desire to establish a record for prompt, honest, and constructive service, and to that end will strive to give personal attention to all requests. Every effort will be made to avoid general recommendations.

The Library

The University Library has occupied its new building since July, 1929. It now contains more than 350,000 volumes and 3,461 periodicals are regularly received. The building houses, aside from the general collection and reading rooms, the Rural Social-Economics Library, Commerce Reading Room, and the Library School. A special room is devoted to North Carolina history. A separate room is provided for the use of students doing collateral reading in material reserved for their convenience by University instructors. One hundred study carrels are provided with the bookstacks for graduate students and faculty, to which assignment is made on application.

Graham Memorial

The Graham Memorial Building, University Student Union, serves as a social and activity center for the campus

community. The lounges, social rooms, and games equipment of the building will be open to Summer Session students for social and recreational purposes.

The Infirmary

During the Summer Session the University Infirmary will be open for the convenience of the students in attendance. The Infirmary will be under the direction of the University Physicians and a Registered Nurse, who with an assistant will be constantly in attendance. There will be no extra charge for such services as may be rendered by the Physicians or the nurse, but should any additional service (consultation, special nurses, operations requiring the attendance of a trained surgeon) recommended by the attending physician, be necessary, the student will be required to pay for such services. The Summer Session Physicians will be at the Infirmary two periods a day for consultation and advice. At these hours students of the Summer Session will be given the opportunity to consult the physician about any matters pertaining to their health.

Housing and Rooming Bureau

The "Y" office keeps accurate information on available houses, apartments, and rooms for rent in Chapel Hill. Summer students and faculty are invited to make use of this service.

The Gymnasium and Swimming Pool

The facilities of the new gymnasium will be available to regular summer session students at all times. Locker room service, hand ball courts, boxing and wrestling rooms, badminton, squash, and volley ball courts will be open for use on regular schedule.

Recreational swimming periods will be scheduled at convenient hours. (See PART II, page 68.)

Expenses for Each Term of Six Weeks

Fees

The registration fee for each student for each term of six weeks (including privilege of University Library, Infirmary, Gymnasium, and Graham Memorial) is $12.00. The course fee for each quarter-hour credit a term (six weeks) is $2.75. The normal load carried by each student in each term is 7½ quarter hours. A laundry deposit of $6.00 is required against which a charge is made for work done. If the amount of work done is less than the deposit, the balance is refunded, except that a minimum average charge of twenty-five cents a week will be made.

The only persons exempted are (1) those who live in Chapel Hill with their parents; (2) those who commute to Chapel Hill each day; (3) those who maintain a home of their own in Chapel Hill.

The major University fees for each term may be estimated as follows:

Registration fee	$12.00
Course fees (7½ quarter hours)	20.62
	$32.62

Laboratory fees in those courses requiring laboratory work are stated in the course descriptions and must be paid in addition to the usual course fee charge.

Rooms

The following University Residence Halls have been set aside for summer usage. The amount shown is the charge for each occupant for a term of six weeks.

Women:

Woman's Dormitories				
Number 1—Undergraduate	Single	$22.50	Double	$15.00
Number 2—Undergraduate	Single	22.50	Double	15.00
Number 3—Graduate	Single	22.50	Double	15.00
A few rooms with private bath and a few rooms with semi-private baths are available at slightly higher rates. These rates will be furnished upon request.				
Spencer Hall—Undergraduate	Single	$22.50	Double	$15.00
Grimes—Undergraduate	Single	15.00	Double	7.50
Old East, Old West, Manly, Steele, Ruffin—Graduate	Single	15.00	Double	7.50
Social Rooms are provided only in Spencer Hall and in Woman's Dormitories Number 1, Number 2, Number 3.				

Men:

Graduate Club	Single	$22.50	Double	$15.00
Dormitory "L"—Professional Law and Medicine	Single	15.00	Double	7.50
Aycock, Graham, Lewis, Everett	Single	15.00	Double	7.50

Married Couples:

Dormitory "H"	Each Room $15.00

(Not more than two persons may reside in one room without special permission. If children reside in same room with parents, an additional charge will be made.)

If the residence halls listed above are not sufficient to take care of all applicants, the University will open other residence halls so that all applicants may be accommodated.

The New Woman's Dormitories, recently completed, are exceptionally well equipped college residence halls. In addition to well furnished rooms, each building has a large social room, a lounge, and several small parlors. Even a small laundry and kitchenette are provided on each floor for the use and convenience of the occupants. These new buildings will

be used for undergraduate and graduate women as designated.

All resident halls have recently been painted and floors refinished. Bath rooms have been renovated and additional mirrors and lavatories have been installed. All rooms are screened.

Dining Facilities

The new University Dining Hall is modern and well equipped in every respect and has ample capacity to serve the student body. It has three cafeteria counters that are in service during the meal hours. The average cost of board is $20.00 a month.

A Luncheonette, which is operated in connection with the Cafeteria, is open from 10:00 A.M. until 11:00 P.M. It offers complete fountain service, a large variety of sandwiches, club meals, and a la carte service at reasonable prices.

The Carolina Inn, which is operated by the University, has a small cafeteria which offers excellent food at commercial rates.

Spencer Hall will furnish board to its occupants for $35.00 a term. Residents of the Hall are required to board in the Hall and a limited number of additional guests may be accommodated. Preference will be given residents (both undergraduate and graduate) of the New Woman's Dormitories, which are situated near Spencer.

Reservations Must Be Made in Advance

Students desiring rooms in the University buildings must have their reservations made in advance, or the management cannot guarantee them accommodations. Each application must be accompanied by a check covering room rent in full for one term of six weeks. Applications should be addressed to the Cashier, Box 150, Chapel Hill, N. C,. and should be made prior to June 1st, in order that applicants may be notified before leaving home whether or not their reservations have been made as requested.

Payment of Fees

Registration, course fees, and laundry deposit are due and payable at the time of registration.

Books and Materials

Books, materials, and stationery supplies may be secured from the University Book Exchange at the usual market prices. All books required for courses offered in the Summer Session are carried in stock by the Book Exchange.

Regulations Concerning Women Students

All women students of the Summer Session under 24 years of age, except residents of the Chapel Hill community who live at home, are required to live in the University residence halls.

Each of the women's residence halls will be in charge of a capable hostess who will see that the University's regulations regarding the health, comfort, and safety of the students are carried out, and who will always be ready to give the women students such advice and assistance as they may need.

What the Student Must Furnish

Residence hall rooms are substantially furnished. Each occupant is requested to bring a pillow, two pillow cases, four sheets (for single bed), 2 spreads, and six towels. More complete furnishings such as bureau scarfs, rugs, curtains, pictures, etc., may be brought if the student so desires.

Refund of Fees

Room reservation deposit for the first term may be refunded not later than June 1, and for the second term not later than July 12.

In case of withdrawal from the Summer Session, a flat fee of $5.00 will be charged to cover registration expense, and the remainder of the amount paid by the student at registration will be refunded on a pro-rata basis over a period of four weeks from date of registration. No refund will be made after the fourth week of any term. Refund of any unused part of laundry deposit will be made.

Location of the University

The University is situated at Chapel Hill, twelve miles from Durham, thirty miles from Raleigh, and fifty miles from Greensboro. It may be reached by one of the bus lines which maintain frequent schedules from these three points. *Students are warned not to buy their tickets to the University Station, which is ten miles or more from the University, inasmuch as passenger service from that point has been discontinued.*

Loan Funds

The Summer Session Loan Fund. A limited sum of money is set aside for: teachers who are legal residents of North Carolina and who teach in the public schools of this state; and, students who are enrolled in the regular sessions of the University and whose educational programs make it necessary for them to attend the summer sessions. Information concerning this fund may be secured by writing the Loan Fund Manager, Box 690, Chapel Hill, N. C.

PART II—COURSES OFFERED

ARCHAEOLOGY

Courses for Undergraduates

s85. ARCHAEOLOGY AND THE BIBLE. Credit, 2½ quarter hours.

First term. Professor Harland. Hour: 10:00 daily. Murphey 109.

The results of the recent excavations in Palestine will be studied for the light they throw on Biblical history and, with the help of the monuments found in Egypt, Babylonia, and Assyria, the part played by the ancient Hebrews will be placed in its historical setting in the ancient Near East.

s92. GREEK ARCHAEOLOGY (OR ART). Credit, 2½ quarter hours.

First term. Professor Harland. Hour: 9:00 daily. Murphey 111.

The historical development of the Art and Architecture of Greece will be studied and presented as one phase of the civilization of the ancient Greeks.

ART

s47. MATERIALS AND METHODS OF TEACHING ART IN ELEMENTARY SCHOOLS. Credit, 2½ quarter hours.

First term. Mrs. Stewart. Laboratory fee, $2.00. Hours: Lectures, 11:00 M., W., F., Laboratory, 2:00-5:00 T., Th. Person Hall.

This course is designed for elementary school teachers with reference to their needs in drawing, painting, and sculpture. It will consist of lectures and studio work.

s49. ART STRUCTURE. Credit, 2½ quarter hours.

First term. Mrs. Stewart. Laboratory fee, $2.00. Hours: Lectures, 12:00 M., W., F., Laboratory, 2:00-5:00 W., F. Person Hall.

A basic course in the use of the elements and principles of organization common to all art expression. Through many problems in various media, creative ability as well as intelligent choice and judgment in the use of art principles will have opportunity for development.

s81. ADVANCED FORM AND COLOR. Credit, 2½ quarter hours. Prerequisite, Art s47 or the equivalent.

First term. Mrs. Stewart. Laboratory fee, $2.00. Hours: Lectures, 11:00 M., W., F., Laboratory, 2:00-5:00 T., Th. Person Hall.

A studio course dealing with the study of pictorial values and representation, with criticism in advanced problems of drawing and painting. This course is a continuation of s47.

s41-42. HISTORY AND APPRECIATION OF MEDIEVAL AND RENAISSANCE ART. Credit, 5 quarter hours.

First term. Dr. Sommer, Mrs. McNeir. Hours: 9:00 and 10:00 daily. Person Hall.

This course is an introduction to art history dealing with the architecture, sculpture, painting, and minor arts of the Medieval and Renaissance periods. A lecture course with lantern slides.

This course is open to regular summer school students at the usual course fee—$13.75. Arrangements will be made for special students.

s170. MODERN PAINTING. Credit, 2½ quarter hours. Prerequisite, introductory knowledge of art history.

First term. Dr. Sommer. Hour: 8:00 daily. Person Hall. (To be given only if registration is sufficient.)

This course is a study of the movements in western painting since 1800 with particular stress on the trends of the late nineteenth and early twentieth centuries. Illustrated lectures.

This course is open to regular summer session students at the usual course fee—$6.75. Arrangements will be made for special students.

BIOLOGICAL CHEMISTRY

The School of Medicine will offer during the first term of the Summer Session courses in foods and food chemistry carrying full academic and professional credit.

s41. FOODS. Credit, 3 quarter hours.

First term. Dr. Kyker. Hours: 6 hours per week, at 10:00 daily. 311 Medical Building.

An elementary class-room course dealing with the principles of food and nutrition from a chemical point of view. While it is desirable that students registering for this course should have had elementary courses in general and organic chemistry, the material will be so presented as not necessarily to require this preparation. The practical value of various classes of food products from the standpoint of protein fat, carbohydrate, mineral and vitamine content is discussed and special attention is given to the economic side of present-day problems of food selection and preparation.

s101. FOOD CHEMISTRY. Credit, 6 quarter hours.

First term. Dr. Kyker. Hours: 6 lecture hours at 9:00 daily, and 12 laboratory hours per week to be arranged with the instructor. 311 Medical Building. Prerequisite, Chemistry 42, 61. Laboratory fee: $10.00.

A course covering the principles of food chemistry and nutrition from a purely chemical viewpoint. The laboratory work will consist chiefly of quantitative methods of food analysis.

BOTANY

Courses for Undergraduates

s41. GENERAL BOTANY. Credit, 6 quarter hours.

First term. Professor Adams. Laboratory fee, $4.00. Hours: Lectures, 11:00 daily and 2:00 T., Th., F.; Laboratory, 3:00-5:00 M., T., W., Th. Davie Hall.

An introduction to the structure, physiology, and classification of plants.

s43. SEED PLANTS. Credit, 6 quarter hours. Prerequisite, General Botany.

Second term. Professor Totten and assistant. Laboratory fee, $4.00. Hours: Lectures, 11:00 daily and 2:00 F., Laboratory, 2:00-5:00 M., T., W., Th. Davie Hall.

A continuation of General Botany with more advanced work in the structure and classification of seed plants. Special attention is given to the study of local flora.

Courses for Graduates and Advanced Undergraduates

s102. FUNGI. Credit, 5 quarter hours.

First term. Professor Couch. Laboratory fee, $4.00. Hours: To be arranged. Davie Hall.

A survey of the fungal groups including the true Fungi, Myxomycetes and Lichens. Particular emphasis is placed on the collection and identification of the higher fungi including mushrooms, plant diseases, and the common mildews and molds. Considerable attention is also given to growing fungi, particularly in pure culture.

*s103. ALGAE. Credit, 5 or 2½ quarter hours.

First term. Professor Couch. Laboratory fee, $4.00. Hours: To be arranged. Davie Hall.

A study of the morphology and classification of the Algae. Lectures, reports, laboratory and field work. At least one trip will be made for the study of marine algae. The subject may be continued under the same number for more than one quarter as the subject advances, credit being given for each repetition.

*s104. BRYOPHYTES. Credit, 5 quarter hours.

First term. Professor Couch. Laboratory fee, $4.00. Hours: To be arranged. Davie Hall.

A survey of Liverworts and Mosses.

*s154. ADVANCED WORK IN THE STRUCTURE AND CLASSIFICATION OF SEED PLANTS. Credit, 5 quarter hours. Prerequisite, Botany s43 or the equivalent.

Second term. Professor Totten. Laboratory fee, $4.00. Hours: To be arranged. Davie Hall.

The student is required to collect, prepare herbarium specimens, and classify two plants each from twenty families of seed plants, with notes on the families and sketches to show the principal characteristics of one plant in each of these families. Reports and conferences.

*s155. DENDROLOGY. Credit, 7½ or 5 quarter hours. Prerequisite, General Botany and Botany s43 or the equivalent.

Second term. Professor Totten. Laboratory fee, $4.00. Hours: To be arranged. Davie Hall.

A taxonomic study of the woody plants of the southeastern states, with extensive field work. The woody regions about Chapel Hill, the Arboretum, the Soil Conservation Nursery, the Botanical Library, and the Herbarium afford excellent opportunities for the collection and identification of the woody plants.

Courses for Graduates

s214. PROBLEMS IN FUNGI. Credit, 5 quarter hours.

First term. Professor Couch. Laboratory fee, $4.00. Hours: To be arranged. Davie Hall.

The student is expected to select a problem for investigation under the guidance of the instructor. It is recommended that the research be in the Phycomycetes or Basidiomycetes, and in the

* In the first term either s103 or s104 will be given according to the demand.
* According to the demand s154 or s155 will be given in the second term.

special field of taxonomy, morphology, physiology, or genetics of fungi. The subject may be continued under the same number for more than one quarter as the subject advances, credit being given for each repetition.

s254. MORPHOLOGY OF SEED PLANTS. Credit, 5 or 2½ quarter hours. Prerequisite, Plant Anatomy.

Second term. Professor Totten. Laboratory fee, $4.00. Hours: To be arranged. Davie Hall.

Advanced work in embryology and anatomy of seed plants.

s304. GRADUATE RESEARCH. Credit, 5 or 2½ quarter hours.

Each term. Professor Coker, or Totten, or Couch, or Adams. Laboratory fee, $4.00 a term. Hours: To be arranged. Davie Hall.

CHEMISTRY

Courses for Undergraduates

s4. GENERAL DESCRIPTIVE CHEMISTRY. Credit, 6 quarter hours.

First term. Professor Edmister. Laboratory fee, $4.50. Hours: Lectures, 10:00 daily (including Saturdays). Laboratory, 2:00 to 5:00 T., Th. Venable 302.

s5. GENERAL DESCRIPTIVE CHEMISTRY. Credit, 6 quarter hours.

Second term. Professor Smith. Laboratory fee, $4.50. Hours: Lectures, 10:00 daily (including Saturdays). Laboratory, 2:00 to 5:00 T., Th. Venable 302.

s31. QUALITATIVE ANALYSIS. Credit, 6 quarter hours. Prerequisite, Chemistry 1-2-3.

First term. Professor Dobbins. Laboratory fee, $10.00. Hours: Lectures, 2:00 daily. Laboratory, 3:00 to 5:00 daily. Venable 206.

s42. QUANTITATIVE ANALYSIS VOLUMETRIC. Credit, 6 quarter hours. Prerequisite, Chemistry 31.

Second term. Professor Smith. Laboratory fee, $10.00. Hours: Lectures, 12:00 daily. Laboratory, 2:00 to 5:00 daily. Venable 206.

s61. ORGANIC CHEMISTRY. Credit, 6 quarter hours. Prerequisite, Chemistry 31.

First term. Professor Russell. Laboratory fee, $10.00. Hours: Lectures, 9:00 daily (including Saturdays). Laboratory, 10:00 to 12:00 daily (including Saturdays). Venable 206.

s62. ORGANIC CHEMISTRY. Credit, 6 quarter hours. Prerequisite, Chemistry 61.

Second term. Professor Williams. Laboratory fee, $10.00. Hours: Lectures, 9:00 daily (including Saturdays). Laboratory, 10:00 to 12:00 daily (including Saturdays). Venable 206.

Courses for Graduates and Advanced Undergraduates

s101. SPECIAL PROBLEMS IN CHEMISTRY. Credit, 1 to 3 quarter hours. Prerequisite, to be determined by consultation.

Both terms. Any member of the departmental staff. Hours: by arrangements.

s143. THEORETICAL ANALYTICAL CHEMISTRY. Credit, 6 quarter hours. Prerequisite, Chemistry 31, 41, 42.

First term. Professor Dobbins. Hours: Lectures, 10:00 to 12:00 daily. Venable 201.

147b. INORGANIC MICROANALYSIS. Credit, 3 quarter hours. Prerequisite, Chemistry 41, 42.

Second term. Professor Markham. Laboratory fee, $7.00. Hours: 8:00-12:00, M., W., F. Venable 175. Enrollment limited to eight students.

s152. ADVANCED INORGANIC CHEMISTRY. Credit, 3 quarter hours. Prerequisite, Chemistry 181.

First term. Professor Edmister. Hours: Lectures, 8:00 daily. Venable 302.

s164. QUANTITATIVE ANALYSIS OF FUNCTIONAL GROUPS. Credit, 3 quarter hours. Prerequisite, Chemistry 163.

Second term. Professor Williams. Laboratory fee, $7.00. Hours: by arrangement.

s166a. ADVANCED ORGANIC CHEMISTRY. Credit, 3 quarter hours. Prerequisite, Chemistry 163.

First term. Professor Russell. Hours: Lectures, 12:00 daily (including Saturdays). Venable 201.

s167a. ADVANCED ORGANIC CHEMISTRY. Credit, 3 quarter hours. Prerequisite, Chemistry 166a.

Second term. Professor Williams. Hours: Lectures, 12:00 daily (including Saturdays). Venable 201.

s181. PHYSICAL CHEMISTRY. Credit, 6 quarter hours. Prerequisite, organic chemistry.

First term. Professor Crockford. Laboratory fee, $7.00. Hours: Lectures, 8:00 daily (including Saturdays). Laboratory, 2:00 to 6:00 M., W., F. Venable 201.

s182. PHYSICAL CHEMISTRY. Credit, 6 quarter hours. Prerequisite, Chemistry 181.

Second term. Professor Markham. Laboratory fee, $7.00. Hours: Lectures, 8:00 daily. Laboratory, 9:00 to 1:00 M., W., F. Venable 201.

s184. CHEMICAL THERMODYNAMICS. Credit, 3 quarter hours. Prerequisite, Chemistry 181, 182, 183, or an acceptable course in physical chemistry.

First term. Professor Crockford. Hours: by arrangement.

s267. ORGANIC CHEMISTRY. Credit, 3 to 6 quarter hours. Prerequisite, to be determined by consultation with professor in charge.

Both terms. First term. Professor Russell. Second term. Professor Williams. Laboratory fee, $10.00. Hours: by arrangement.

Courses for Graduates

s341. RESEARCH IN ANALYTICAL CHEMISTRY. Credit, 5 or more quarter hours.

Both terms. First term. Professor Dobbins. Second term. Professor Markham. Laboratory fee, $10.00. Hours: by arrangement.

s351. RESEARCH IN INORGANIC CHEMISTRY. Credit, 5 or more quarter hours.

Both terms. First term. Professor Edmister. Second term. Professor Smith. Laboratory fee, $10.00. Hours: by arrangement.

s361. RESEARCH IN ORGANIC CHEMISTRY. Credit, 5 or more quarter hours.

Both terms. First term. Professor Russell. Second term. Professor Williams. Laboratory fee, $10.00. Hours: by arrangement.

s381. RESEARCH IN PHYSICAL CHEMISTRY. Credit, 5 or more quarter hours.

Both terms. First term. Professor Crockford. Second term. Professor Markham. Laboratory fee, $10.00. Hours: by arrangement.

s391. RESEARCH IN INDUSTRIAL CHEMISTRY. Credit, 5 or more quarter hours.

Both terms. First term. Professor Dobbins. Second term. Professor Smith. Laboratory fee, $10.00. Hours: by arrangement.

COMPARATIVE LINGUISTICS

General

s101ab. INTRODUCTION TO THE HISTORICAL STUDY OF LANGUAGE. Credit, 2½ to 5 quarter hours. Hours: to be arranged.

Through both terms. Students may receive credit for either term separately. First term. Professor Lane.

Elements of general phonetics, phonetic change, introduction to the comparative method, survey of language families.

Second term. Professor Holmes.

Introduction to semantics and semantic change, types of linguistic structure and structural change.

English Linguistics

s103ab. MIDDLE ENGLISH: CHAUCER. Credit, 2½ to 5 quarter hours.

Through both terms. First term. Professor Ericson. Second term. Professor Sharpe.

Only the first term of this course will deal primarily with linguistic phenomena. The second is chiefly literary.

s170. MODERN ENGLISH. Credit, 2½ quarter hours.

First term. Professor Ericson.

Germanic Linguistics

s222. OLD AND MIDDLE HIGH GERMAN GRAMMAR. Credit, 5 quarter hours. Prerequisite, a reading knowledge of German, and some training in linguistics.

First term. Professor Lane. Hours: 8:00 and 12:00 daily. Saunders 113.

COMPARATIVE LITERATURE

Greek

Courses for Undergraduates

s61. GREEK LITERATURE. Credit, 2½ quarter hours.

Second term. Professor Epps. Hour: 11:00 daily. Murphey 109.

A study of the masterpieces of Greek literature in English translation, with special reference to the contribution of Greece to modern thought.

Courses for Graduates and Advanced Undergraduates

s103. GREEK EPIC. Credit, 2½ quarter hours.

Second term. Professor Epps. Hours: 9:00 daily. Murphey 109.

Homer's Iliad and Oyssey in translation, with some attention to the minor Greek Epic.

s107. GREEK DRAMATIC LITERATURE. Credit, 2½ quarter hours.

Second term. Professor Epps. Hour: 10:00 daily. Murphey 109.

A course designed to embrace the origin, development, technique, and content of Greek Drama, studied in English translation, with emphasis on tragedy. An interpretation of Greek life and thought and their influence.

DRAMATIC ART

Courses for Undergraduates

s67a. PLAY PRODUCTION FOR TEACHERS AND DIRECTORS. Credit, 2½ quarter hours.

First term. Professor Fred Koch, Jr. Fee for materials: $1.00. Hour: 11:00 daily.

An intensive course for teachers and directors in schools, colleges, and community theatres. The problems to be considered include the organization of dramatic groups and courses, the choice of plays, and the theory and practice of acting and directing. Students enrolled in this course will have an opportunity to take part in the preparation of the Carolina Playmakers' summer production.

s68a. STAGING METHODS FOR TEACHERS AND DIRECTORS. Credit, 2½ quarter hours.

First term. Professor Fred Koch, Jr. Fee for materials, $2.00. Hour: 12:00 daily.

An intensive course in the planning and equipping of school, college, and community theatre stages, and in the designing, constructing, painting, and lighting of scenery. Students enrolled in this course will be expected to assist with the preparation of the Carolina Playmakers' summer production.

s93. MATERIALS AND METHODS OF TEACHING DRAMATIC ART IN THE HIGH SCHOOL. Credit, 5 quarter hours.

First term. Professor Parker. Hours: 9:00 to 11:00 daily.

This course is designed primarily to meet the needs of those who plan to teach dramatic art as provided for in the English curriculum of the high schools. The dramatic approach in the teaching of non-

dramatic literature will be stressed. Students will be guided in the assimilation of the best available materials for the director of the high school dramatic club and for assembly programs. Laboratory work will be provided by the classes and rehearsals of the Summer Session in Dramatic Art for high school students.

Courses for Graduates and Advanced Undergraduates

s155. PLAYWRITING AND EXPERIMENTAL PRODUCTION. Credit, 5 quarter hours.

First term. Professor Koch. Hours: 9:00-11:00 daily.

A practical course in playwriting. The principles underlying dramatic form, and practice in writing one-act plays. Emphasis is placed on the native tradition and present-day life of the region with which the student is most familiar. Some of the best of the new plays written in this course will be given experimental production by students in the Summer Session. Students enrolled in this course will have an opportunity to take part in the preparation of the Carolina Playmakers' summer production. Fee for Experimental Production, $3.00.

NOTE: Attention is called to Part III, Special Features.

ECONOMICS AND COMMERCE

Commerce

Courses for Undergraduates

s51. BUSINESS ORGANIZATION. Credit, 5 quarter hours.

First term. Professor Schwenning. Hours: 9:00 and 11:00 daily. Bingham 108. Prerequisite, Economics 31-32 or equivalent.

The forms of business organization with emphasis on the corporation. The external relations of a business organization and the internal coordination of the factors in production with a view to the establishment of effective control and definite responsibility for results. Special attention will be directed to the various functions to be performed, such as production, finance, personnel, marketing, risk-taking, and records and standards.

s66. GENERAL PSYCHOLOGY FOR STUDENTS OF COMMERCE. Credit, 5 quarter hours.

Second term. Professor MacPhee. Hours: 8:00 and 10:00 daily.

For students in the School of Commerce; not open to others. A course in general psychology for students in the School of Commerce. Emphasis placed upon the psychological aspects of social phenomena.

s71. PRINCIPLES OF ACCOUNTING. Credit, 6 quarter hours, if followed by Commerce s72 or 72.

First term. Professor Peacock. Prerequisite, Econmics 31-32 or equivalent; corequisite, Commerce 51. Laboratory fee, $3.00. Hours: 2:00 to 5:00 daily. Bingham 303.

Lectures with laboratory work. Study of the theory of and credit record making, organization of accounts, and presentation of financial and profit and loss statements.

s72. PRINCIPLES OF ACCOUNTING (Continued). Credit, 6 quarter hours.

Second term. Professor Crutchfield. Prerequisite, Commerce 71. Laboratory fee, $3.00. Hours: 2:00 to 5:00 daily. Bingham 303.

Lectures with laboratory work. It consists of a thorough study of the organization of the accounting department of a business and its relation to the other departments, accounting systems, construction and analysis of accounting statements.

Courses for Graduates and Advanced Undergraduates

s175. AUDITING. Credit, 5 quarter hours.

First term. Professor Peacock. Laboratory fee, $2.00. Prerequisite, Commerce 71-72. Hours: 9:00 and 11:00 daily. Bingham 303.

Lectures and problems. Kinds of audits, systems of accounts, method of conducting audits, and problems in auditing.

s191. CORPORATION FINANCE. Credit, 5 quarter hours.

Second term. Professor Woosley. Prerequisite, Economics 31-32 or equivalent, Commerce 51 and 71. Hours: 8:00 and 10:00 daily. Bingham 208.

A study of the principles and practice of corporate financing. Among the topics considered are: the methods of raising permanent capital, problems of current financing, the treatment of earnings, and financial problems incident to expansion and reorganization. Specific problems and reports are employed to illustrate and emphasize the principles involved.

Courses for Graduates

s207. THE FUNCTION AND THEORIES OF MANAGEMENT. Credit, 2½ quarter hours.

First term. Professor Schwenning. Hours: to be arranged.

This course analyzes the function of management in contemporary business organization together with the theories involved in the direction of enterprises. Among the topics considered are: the function of management; the management movement; the utilization of the scientific method in management; the laws of organization; scientific management; and the types and theories of management organization. The subject matter will be considered from both functional and social viewpoints.

Economics

Courses for Undergraduates

s31. GENERAL ECONOMICS. Credit, 5 quarter hours, if followed by Economics s32 or 32.

First term. Professor Bonnell and Professor Winslow. Hours: Section 1, 8:00 and 12:00 daily; Section 2, 9:00 and 11:00 daily. Bingham 317 and 208.

This course is planned to give a general understanding of the organization of our economic life and the fundamental principles underlying it.

s32. GENERAL ECONOMICS Continued). Credit, 5 quarter hours.

Second term. Professor Buchanan. Hours: 8:00 and 12:00 daily. Bingham 108.

This is a continuation of Economics s31.

s81. MONEY AND BANKING. Credit, 5 quarter hours.

First term. Professor Bernstein. Prerequisite, Economics 31-32 or equivalent. Hours: 8:00 and 10:00 daily. Bingham 108.

A general study of the principles, functions, and forms of money and credit, followed by analyses of current money and credit problems. Particular consideration is given to a study of the theory of commercial and central banking with respect to its application and development in the United States.

Courses for Graduates and Advanced Undergraduates

s121. RISK AND RISK-BEARING. Credit, 5 quarter hours.

First term. Professor Lear. Prerequisite, Economics 31-32 or equivalent. Hours: 9:00 and 11:00 daily. Bingham 102.

A study of the risk element in modern industry together with the measures which have been devised to meet it. This course should precede the study of insurance.

s124. PRINCIPLES OF MARKETING. Credit, 5 quarter hours.

Second term. Professor Taylor. Prerequisite, Economics 31-32 or equivalent. Hours: 9:00 and 11:00 daily. Bingham 317.

A critical study of marketing orfianization and operation. Emphasis is placed on recent developments in retailing.

s131. ECONOMIC THEORY. Credit, 5 quarter hours.

First term. Professor Spruill. Prerequisite, Economics 31-32 or equivalent. Hours: 8:00 and 10:00 daily. Bingham 106.

The primary purpose of this course is the development of greater facility upon the part of the student in the use of economic theory as a tool in the solution of economic and business problems.

s161. THEORY OF INTERNATIONAL TRADE. Credit, 5 quarter hours.

First term. Professor Zimmermann. Prerequisite, Economics 31-32 or equivalent. Hours: 8:00 and 10:00 daily. Bingham 205.

In this course international trade is viewed from the standpoint of the political economist, emphasizing the social aspects. After a historical study of the past and a critical analysis of the present foreign commerce of the United States and principal competitors, an effort is made to apply to a survey of our foreign markets and of our foreign sources of supply the general principles of economic theory in so far as they pertain to international trade. Following this the payment balances of this country and of other leading countries engaged in world commerce are critically studied. Finally, the most important theories of international trade are reviewed in the light of historical development.

s170. ECONOMIC STATISTICS. Credit, 6 quarter hours.

First term. Professor Cowden. Laboratory fee, $3.00. Prerequisite, Economics 31-32 or equivalent. Hours: 2:00 to 5:00 daily. Bingham 201.

This course is designed to give a critical understanding of the

more important processes of statistical technique used by economists and business men, and found in current discussion of economic matters. The laboratory work is designed to give practice in the use of the processes studied together with an interpretation of the results found.

s191. AN INTRODUCTION TO THE LABOR PROBLEM. Credit, 5 quarter hours.

Second term. Professor Wolf. Prerequisite, Economics 31-32 or equivalent. Hours: 8:00 and 10:00 daily. Bingham 102.

The purpose of this course is to make an analytical survey of the modern labor problem in its major aspects.

s195. THEORIES OF ECONOMIC REFORM. Credit, 5 quarter hours.

First term. Professor Carroll. Prerequisite, Economics 31-32 or equivalent. Hours: 9:00 and 11:00 daily. Bingham 106.

A critical analysis of the leading proposals for reform in the present economic system.

s197. GOVERNMENT AND BUSINESS. Credit, 5 quarter hours.

Second term. Professor Hobbs. Prerequisite, Economics 31-32 or equivalent. Hours: 9:00 and 11:00 daily. Bingham 216.

This course deals with the control exercised by government over business operations. Emphasis is placed on legal control. Attention in some detail is given to trade regulations, public utilities, and the operation of the federal anti-trust laws.

Courses for Graduates

s211. ADVANCED COMMODITY ECONOMICS. Credit, 2½ quarter hours.

First term. Professor Zimmermann. Hours: to be arranged.

The demand and supply conditions of selected commodities representing certain types are studied. The institutional factors affecting these conditions are critically examined with special reference to price behavior.

s236. ECONOMIC DEVELOPMENTS IN THE OCCIDENT SINCE 1750. Credit, 2½ quarter hours.

Second term. Professor Buchanan. Hours: to be arranged.

A study of the growth of modern economy in the Western world. Special emphasis is placed upon the spread of the factory system and the changes which have accompanied it in agriculture, transportation, money and banking, trade, and the condition of the laboring class.

s281. MONEY, PRICES, AND FOREIGN EXCHANGE. Credit, 2½ quarter hours.

First term. Professor Bernstein. Hours: to be arranged.

A critical consideration of the various monetary standards, the theories of the value of money, the inter-relationships of exchange rates and prices, recent monetary policies, and proposals for modern reform. Emphasis is given to monetary history and contemporary experience in considering the validity of monetary theory.

s282. COMMERCIAL AND CENTRAL BANKING. Credit, 2½ quarter hours.

Second term. Professor Woosley. Hours: to be arranged.

A study of the structure, functions, and operations of commercial and central banks with special reference to the Federal Reserve System. The policies of central banks as they relate to the volume of physical production, the national income, and the price level are critically examined. The theories on which these policies are predicated are analyzed.

s291. LABOR ECONOMICS. Credit, 2½ quarter hours.

Second term. Professor Wolf. Hours: to be arranged.

An intensive and critical analysis of certain phases of labor problems, among them: current wage theory; the position of the laborer in modern society; wage differentials; the effects of machinery on wages, hours, and work opportunities; the problem of unemployment; the economics of collective bargaining.

s295. CASE STUDIES IN ECONOMIC REFORM. Credit, 2½ quarter hours.

First term. Professor Carroll. Hours: to be arranged.

Critical studies in current economic reform movements such as the New Deal, Fascism, Bolshevism, etc.

s324. SEMINAR IN MARKETING. Credit, 2½ quarter hours.

Second term. Professor Taylor. Hours: to be arranged.

This course is available for graduate students who wish to make an intensive study of special topics in marketing or to do original research work. Individual conferences are arranged with the instructor.

s371. RESEARCH IN ECONOMIC STATISTICS. Credit, 2½ quarter hours.

First term: Professor Cowden. Hours: to be arranged.

This course is designed to allow individual study and research by qualified graduate students in specialized fields of economic statistics, such as business cycle statistical analysis, economic forecasting, price index number problems, regional business indices, commodity demand studies, or the statistical work of business establishments.

EDUCATION

It has been the purpose of the Summer Session authorities to make provision for the certification requirements for Elementary teachers, High School teachers and Principals. Attention has been given to the requirements of the State Departments of Education in the Southeastern States in particular.

While it is impossible to answer each individual problem in a general statement, the following suggestions are being made in the hope that they may be of some service in planning a program.

Teachers will find the following courses appropriate for certification credit and very practical in nature:

Elementary Teachers

Public School Music.....s51a (Grammar Grade)
s58a (Primary)
Art.....s47, s49, and s81
Geography.....s74 (See Dept. of Geology and Geography)
Health and Physical
Education.....s83b, s85a, s120, s123 (See Department of Physical Education)
Children's Literature....s97ab
General Courses.....s94, s71, s105a, s152, s155, s156a, s161, s165a, s170, s171a, s172a

High School Teachers

Public School Music.....s179a (Instrumental) and s180a (Choral)
Physical Education.....s81a, s82a, s83a, s85a, s120, and s123 (See Department of Physical Education)
Materials and Methods in English, Mathematics, Science, French, History, and Latin.
General Courses.....s94, s99ab, s105, s198ab, s171b, s172a

Principals

The following courses will meet the needs of public school principals:

s101, s102, 104, s105, s160ab, s170b, s172a, s204, s296, s198ab, s298, s303, and s398.

Elementary or High School teachers and principals needing general elective credit may take any work in subject matter or professional courses below the 200 level in the appropriate field.

Courses for Undergraduates

s47. MATERIALS AND METHODS OF TEACHING ART IN ELEMENTARY SCHOOLS. Credit, 2½ quarter hours. (Same as Art s47.)

First term. Mrs. Stewart. Hours: Lectures, 11:00 M., W., F. Laboratory, 2:00-5:00 T. Th. Laboratory fee, $2.00.

This course is designed for elementary school teachers with reference to their needs in drawing, painting, and sculpture. It will consist of lectures and studio work.

s49. ART STRUCTURE. Credit, 2½ quarter hours.

First term. Mrs. Stewart. Laboratory fee, $2.00. Hours: Lectures, 12:00 M., W., F. Laboratory, 2:00-5:00 W., F. Person Hall.

A basic course in the use of the elements and principles of organization common to all art expression. Through many problems in various media, creative ability as well as intelligent choice and judgment in the use of art principles will have opportunity for development.

s51a. MATERIALS AND METHODS OF TEACHING PUBLIC SCHOOL MUSIC IN THE GRAMMAR GRADES. Credit, 2½ quarter hours.

First term. Mr. Twaddell. Hour: 2:00 daily.

This course is planned for teachers of grades four to seven. Following the State Course of Study, it will include a survey of

rote song materials and a study of the rhythmic and melodic problems presented in the state-adopted texts, together with supplementary material. Music s4 is recommended as a parallel course.

*s55a. CLASS INSTRUCTION IN WOODWIND INSTRUMENTS. Credit 2½ quarter hours.

First term. Professor Slocum and Mr. Hazelman. Five class hours a week to be arranged.

s56a. CLASS INSTRUCTION IN STRINGED INSTRUMENTS. Credit, 2½ quarter hours.

First term. Mr. Bloch. Five class hours a week to be arranged.

*s57a. CLASS INSTRUCTION IN BRASS INSTRUMENTS. Credit, 2½ quarter hours.

First term. Professor Slocum and Mr. Mitchell. Five class hours a week to be arranged.

s58a. MATERIALS AND METHODS OF TEACHING CREATIVE MUSIC. Credit, 3 quarter hours.

First term. Mrs. McCall. Hours: 10:00 to 12:00 daily.

This course in teaching music fundamentals to children of all ages, beginning with the pre-school group, will cover such subjects as teaching materials, bibliography, individual and class piano methods, rhythmics, songs, rhythm band, ensemble playing, conducting, and creative work. There will be round-table discussions, individual conferences, and special demonstration classes of children. Free instruction will be available to a limited number of pupils of pre-school age, 4 to 6 years, and older children, 6 to 14 years. Application for admission should be made as early as possible.

s68. SUPERVISION IN HOSPITALS AND SCHOOLS OF NURSING. Credit, 2½ or 5 quarter hours.

First term. Miss Ritter. Hours: 8:00 to 10:00 daily.

Areas considered in this course relate to the physical environment, equipment and supplies. Guidance and instruction of personnel. Opportunity is provided for analysis of program relating to Ward Management and Ward Teaching.

s69. PRINCIPLES AND METHODS OF TEACHING IN SCHOOLS OF NURSING. Credit, 5 quarter hours.

First term. Miss Ritter. Hours: 11:00 to 1:00 daily.

s69. PRINCIPLES AND METHODS OF TEACHING IN SCHOOLS OF NURSING. Credit, 5 quarter hours.

First term. Miss Ritter. Hours: 11:00 to 1:00 daily.

The purpose of this course is to acquaint the student with ac-

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* These courses are designed principally for teachers having to do with the organization and directing of high school bands and orchestras. Instruments may be rented at a nominal fee, but teachers are urged to bring their own instruments if possible.

Private instruction will be available in organ, piano, voice, violin, and other band and orchestral instruments. Credit in the Teacher Training Program will be given on the basis of 1½ quarter hours for twelve half-hour lessons with six or more hours of practice a week. The attention of teachers and prospective teachers is called to the courses Music s1, s25, s55, which are open to all students without prerequisite work.

Anyone playing a band or orchestral instrument will be afforded the opportunity of playing in the All-State High School Band or Orchestra during the first term of the Summer Session. The Chorus, which will be a special feature of both terms, is poen to all students of the Summer Session.

cepted principles and practices in teaching, and to relate them to Nursing Education. It includes practice in preparing teaching units and evaluation of method, for classroom and unit instruction.

s71. EDUCATIONAL PSYCHOLOGY. Credit, 5 quarter hours.

First term. Professor Perry. Laboratory fee, $1.00. Hours: Lectures, 8:00 to 10:00 M., W., Th., F. Laboratory, 2:00 to 4.00 T., Th.

To consider critically such topics as inheritance and its relation to environment, learning and its motivation, individual differences, mental hygiene, and mental measurement is the purpose of this course.

s81. ADVANCED FORM AND COLOR. Credit, 2½ quarter hours. Prerequisite, Art s47, or the equivalent.

First term. Mrs. Stewart. Laboratory fee, $2.00. Hours: Lectures, 11:00 M., W., F. Laboratory, 2:00-5:00 T., Th. Person Hall.

A studio course dealing with the study of pictorial values and representation, with criticism in advanced problems of drawing and painting. This course is a continuation of s47.

s93. MATERIALS AND METHODS OF TEACHING DRAMATIC ART IN THE HIGH SCHOOL. Credit, 5 quarter hours.

First term. Mr. Parker. Hours: 9:00 to 11:00 daily.

This course is designed primarily to meet the needs of those who plan to teach dramatic art as provided for in the English curriculum of the high schools. The dramatic approach in the teaching of non-dramatic literature will be stressed. Students will be guided in the assimilation of the best available materials for the director of the high school dramatic club and for assembly programs. Laboratory work will be provided by the classes and rehearsals of the Summer Session in Dramatic Art for high school students.

s94. CLASSROOM MANAGEMENT. Credit, 2½ quarter hours.

First term. Professor Gruhn. Hour: 10:00 daily.

A course for teachers on the organization and direction of activities in the classroom as distinguished from the administration of an entire school. Class routine, lesson planning, conduct of the recitation, and extra-curricular activities will be included. Textbook, special readings, observations, and reports.

s95. BOOK SELECTION FOR HIGH SCHOOL LIBRARIES. Credit, 2½ quarter hours.

Through both terms. Professor Meigs and Professor Henke. (See Library Science.)

s96. SELECTION AND USE OF REFERENCE MATERIALS. Credit, 2½ quarter hours.

Both terms. (See Library Science.)

Basic reference books of various types essential in the school library book collection will be examined critically and problems assigned to develop skill in the use of reference tools including pamphlets and the vertical file. Methods of giving reference service in the small school library will be discussed and reference tools evaluated for the purpose of selection; also includes methods of teaching the use of such books to students.

s97. CHILDREN'S LITERATURE. Credit, 2½ or 5 quarter hours. (Same as Library Science s123ab.)

Through both terms. First term. Mrs. Jordan. Hour: 11:00 daily. Second term. Professor Henke. Hours: 11:00 and 12:00 daily.

s99b. PRINCIPLES AND METHODS OF SECONDARY EDUCATION. Credit, 2½ and 5 quarter hours.

Both terms. First term. Professor Haygood. Hour: 11:00 daily. Second term. Professor Parkhurst. Hour: 8:00 daily.

Required of all prospective high school teachers. Theory and objectives of modern secondary education; types of organization of secondary education; the curriculum as related to aims of secondary education and modern American life; guidance in the secondary school.

Courses for Graduates and Advanced Undergraduates

s101ab. BASIC PRINCIPLES AND TECHNIQUES IN EDUCATION ADMINISTRATION. Credit, 2½ or 5 quarter hours.

First term. Professor Rosenstengel. Hours: 8:00 and 9:00 daily.

This course will include the basic principles involved in school administration and is designed particularly for teachers who wish to get a review of the fundamentals of the organization and administration of American public schools, and for students desiring to prepare later for general administrative positions. Attention will be given to the organization, administration, and financial support of public schools in federal, state, and local school districts; work of school boards, retirement and tenure, professional ethics; public relations; and relationships of the teacher in modern educational administration.

s102. ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION. Credit, 2½ quarter hours.

Second term. Visiting Professor Maaske. Hour: 9:00 daily.

The qualifications, duties, and opportunities of the elementary school principal as an educational leader will be studied. Particular attention will be given to the practical organization of the staff, administrative organization of the instructional and extra-curriculum program, classification and promotion of pupils, provision for atypical children, library service, and health education. It is designed particularly for elementary school principals, teachers, and others desirous of becoming more familiar with the problems of elementary school administration.

s103ab. ELEMENTS OF STATISTICAL METHODS IN EDUCATION. Credit, 2½ or 5 quarter hours. Prerequisite, Education 71 or equivalent.

Through both terms. First term. Professor Munch. Hour: 12:00 daily. Second term. Professor Parkhurst. Hour: 10:00 daily.

This course provides the statistical training necessary for understanding the reports of modern educational investigations and for conducting simple investigations. In 103a consideration will be given to procedures in tabulating data; calculating measures of average, variability; sampling the properties and applications of the normal probability curve and methods of measuring reliability of educational data, and the use of graphic methods in education. In 103b the major attention will be given to methods of measuring correlation and the interpretation of coefficients of correlation; continued study of sampling and reliability.

s104. PUBLIC SCHOOL RELATIONS. Credit, 2½ quarter hours.

First term. Professor Phillips. Hour: 8:00 daily.

The techniques by which communities may be led more effectively to work for better schools. The use of school reports, public meetings and programs, newspapers, campaigns, and professional organizations will be studied with a view to determining the most effective procedures for gaining community support for the program of the school.

s105a. GUIDANCE AND ADMINISTRATION OF PUBLIC SCHOOL PUPILS. Credit, 2½ or 5 quarter hours. Prerequisite, six full courses in education, including 103a or its equivalent.

Through both terms. First term. Professor Morrison. Hour: 12:00 daily. Second term. Professor Parkhurst. Hour: 11:00 daily.

(a) The first half of the course is a comprehensive introduction to the philosophy, areas, techniques and plans of organization of guidance.

s106. GENERAL PRINCIPLES OF VOCATIONAL GUIDANCE. Credit, 5 quarter hours. Prerequisite, practical experience and at least two years of psychology and education.

First term. Professor Jager and Professor Ruch. Hours: 11:00 to 1:00 daily.

This course is intended to acquaint graduate students with the principles and techniques of acquiring information about occupations and about the individual as related to his suitability for any given occupation. For school administrators and guidance workers.

s141. EDUCATION IN THE SOUTH. Credit, 2½ quarter hours.

First term. Professor Knight. Hour: 11:00 daily. (The Administration reserves the right to cancel this course.)

This course gives an historical survey of education in southern states with special attention to its development, organization, administration, and supervision since 1876. Problems in the educational reorganization need for the solution of school problems in southern states will be studied.

s142b. HISTORICAL FOUNDATIONS OF MODERN EDUCATION. Credit, 2½ quarter hours. First term. Professor Knight. Hour: 10:00 daily.

This course traces the development of some of the more important educational problems of modern times as they have been affected by the social and political facts of history, by the contributions of the leading educational theorists, and by institutional practice. Textbooks, lectures, investigations, and reports.

s144ab. RURAL EDUCATION. Credit, 5 quarter hours.

Both terms. First term. Professor McCuiston, Professor Robinson, and others. Second term. Professor Lowe and others. Sections to be arranged. Hours: 9:00 to 11:00 daily.

A course planned to meet the needs of rural school teachers, principals, supervisors, and superintendents. Consideration will be given to the organization, administration, and supervision of rural school education in the United States, with special emphasis on present conditions in the South.

s147. HIGHER EDUCATION IN THE UNITED STATES. Credit, 2½ quarter hours. Prerequisite, Education 142, or Education 143, or equivalent.

First term. Professor Knight. Hour: 11:00 daily. (The Administration reserves the right to cancel this course.)

The development and present conditions of higher education in the United States; its organization, administration, support, curriculum, faculty and student relations; the rise of denominational colleges, the rise of state universities; the Morrill Acts and the Land-Grant Colleges; the expansion of graduate work; the junior college movement; recent developments; "New College Plans."

s152a. THE TEACHING AND SUPERVISION OF THE LANGUAGE ARTS IN THE ELEMENTARY GRADES. Credit, 2½ quarter hours. For Teachers of Primary Grades.

First term. Professor Porter. Hours: 10:00 daily.

Oral and written expression, spelling, penmanship, and grammar will be considered during the first half of this course. Reading and children's literature will be discussed during the second half of the course. The techniques and procedures available for improving the quality of instruction in these fields will be given primary attention.

s155. THE TEACHING AND SUPERVISION OF THE NATURAL SCIENCES IN THE ELEMENTARY GRADES. Credit, 2½ quarter hours.

First term. Professor Preston. Hour: 8:00 daily.

This course considers the purposes and position of science in the Elementary School Curriculum, and seeks to lay a foundation for improved teaching within the field. Content will be largely determined by the needs of the particular group.

s156. THE TEACHING AND SUPERVISION OF ARITHMETIC IN THE ELEMENTARY GRADES. Credit, 2½ quarter hours.

Second term. Professor McDonald. Hour: 10:00 daily.

This course deals with the organization and selection of subject matter in arithmetic together with modern methods of teaching this subject in the elementary school. It is designed for both teachers and supervisors.

s160ab. CURRICULUM CONSTRUCTION. Credit, 2½ or 5 quarter hours. Open to seniors and graduate students with 25 quarter credits in education.

First term (a) Professor Gwynn. Hour: 10:00 daily. (b) Elementary. Professor Tippett. Hour: 8:00 daily.

(a) The general principles and techniques of curriculum construction on both elementary and secondary school levels will comprise the major part of this course. Special attention will be focused upon recent trends in curriculum revision and organization in our modern schools. (b) This is a continuation of Education 160a in its application to the elementary and secondary schools. Problems and laboratory work will constitute a major part of the work. Special examination of recent state and city courses of study will aid in analyzing trends and proposed changes in the various subjects and activities of the curriculum. Individual and group committee work.

s161. TECHNIQUES AND PROCEDURES OF PROGRESSIVE SCHOOLS. Credit, 2½ quarter hours.

First term. For Primary Teachers. Professor Porter. Hour: 11:00 daily.

An attempt will be made in this course to develop criteria by which children's educational activities should be evaluated, the means by which they should be tested, and the principles governing procedures in activity work.

s165. INVESTIGATIONS IN READING. Credit, 2½ quarter hours.

First term. Section 1. Primary. Professor Porter. Hour: 8:00 daily. Section 2. Upper Grades. Professor Tippett. Hour: 9:00 daily.

Among the topics which will receive special consideration are: recent investigations of reading abilities and their import; children's interests in reading; analysis of the content of readers now in use in school libraries; reading tests; diagnostic and remedial work.

s170. PSYCHOLOGY OF THE ELEMENTARY SUBJECTS. Credit, 2½ quarter hours.

Second term. Professor McDonald. Hour: 12:00 daily.

The applicants of important findings of experimental research and of accepted theories of Psychology to the effective teaching and learning of the materials in the various subject matter fields. Each subject will be treated in relation to its possibilities for the growth and development of socialized personalities, emphasizing both a motivated, constructive approach and a diagnostic remedial attack on pupil's disabilities and difficulties.

s171a. GROWTH AND DEVELOPMENT OF THE SCHOOL CHILD. Credit, 2½ quarter hours.

Second term. Professor Jordan. Hour: 8:00 daily.

a) Child development. A study of the growth and development of children up to the time of adolescence. Changes in emotions are emphasized as well as those of intellect.

s172. THE PROBLEMS OF MALADJUSTMENT AMONG CHILDREN. Credit, 2½ quarter hours.

First term. Mr. Perry. Hour: 12:00 daily.

This course will be based on guidance problems with which teachers and principals in elementary and high schools have to deal. Stress will be placed on the prevention of casual factors of personality maladjustments, of delinquency, and of emotional instability. Various methods of therapy to be followed in the treatment of the more typical behavior difficulties will be investigated. Case studies will be used to analyze such classroom problems as fear, jealousy, social maladjustments, and failures.

s174b. USE AND INTERPRETATION OF ACHIEVEMENT TESTS: DIAGNOSTIC, REMEDIAL, GUIDANCE. Credit, 2½ quarter hours.

Second term. Professor McKee. Hour: 9:00 daily.

This course will emphasize the selection, use and interpretation of subject matter tests that will diagnose the difficulties pupils are having in their school work and will develop practical plans for the remedial guidance and adjustment. Techniques of making and interpreting case studies will also be emphasized.

s175. EXTRA-CURRICULAR ACTIVITIES. Credit, 2½ quarter hours.

Second term. Professor Lowe. Hour: 11:00 daily.

Clubs, student participation in school government, physical education, publicity in school publications, commencement, many miscellaneous topics, theoretical and practical studies of institutions promoting successful programs, bibliographical materials.

s179a. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL INSTRUMENTAL MUSIC. Credit, 2½ quarter hours.

First term. Mr. Bloch. Hour: 12:00 daily.

Supplementing the class instruction in band and orchestral instruments, this course is designed to give the student the necessary preparation for organizing and teaching instrumental music. Discussions and comparative study of materials and methods.

s180a. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL CHORAL MUSIC. Credit, 2½ quarter hours.

Both terms. First term. Mr. Twaddell, 10:00 daily. Second term. Professor Toms, 4:00 daily.

The principles and practice of choral singing, including the choral technique employed in training *a capella* ensembles, with a survey of music materials suitable for school, college, and church choirs.

s181. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL ENGLISH. Credit, 5 quarter hours.

First term. Professor Farrar. Hours: 11:00 to 1:00 daily.

This course is designed to give practical preparation for the teaching of English in high schools. It includes consideration of the aims, courses of study, and methods found most effective in the teaching of grammar, composition (oral and written), and the different types of literature to pupils of high school age. Applicants should be thoroughly grounded in the fundamental principles of English grammar, should write and speak well, and should have more than average ability to appreciate literature.

s189. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS. Credit, 5 quarter hours. Prerequisite, courses to be determined by the instructor.

First term. Professor Munch. Hours: 8:00 to 10:00 daily.

A course designed to give those preparing to teach mathematics in high school a comprehensive view of that field. It is composed of six units as follows: history of mathematics, objective of mathematics teaching, materials, methods, the psychology of mathematics teaching, and measuring in the field of mathematics. Readings and reports on these units will be required.

s196. THE JUNIOR HIGH SCHOOL. Credit, 2½ quarter hours.

First term. Professor Gruhn. Hour: 11:00 daily.

Forces and conditions giving rise to the junior high school; its special purposes; plans of organization; curriculum methods; of teaching; extra curricular activities; provisions for individual differences for teachers and administrators.

s197. SOCIAL PROBLEMS AND THE SCHOOLS. Credit, 2½ quarter hours.

First term. Section 1. Professor Haygood. Hour: 9:00 daily. Section 2. Rural. Professor Robinson. Hour: 12:00 daily.

An examination of the character of some of the principal social problems, particularly as they exist in the southern region and their implications for the program of the schools. Selected references, lectures, and discussion.

s198ab. SUPERVISION OF INSTRUCTION. Credit, 2½ or 5 quarter hours.

a. First term. Professor Gwynn. Hour: 11:00 daily. b. Both terms. First term. Professor Tippett. Hour: 10:00 daily. Second term. Professor Johnson. Hour: 8:00 daily.

(a) The nature and functions of supervision, recent trends in theory and practice, teacher participation in policy formation, the organization and planning of supervision, and the training and qualifications of the supervisor; classroom observation, devices for recording observations, and the supervisory post-observation conference. (b) Specific techniques and devices of supervision, including standards for judging teachers and teaching, professional tests for teachers, and teacher rating; the practical application of the techniques in supervisory services to curriculum improvement, the measurement of pupil progress, pupil and teacher relationships, extra-curricular responsibilities, and guidance.

Courses for Graduates

s201. PROCEDURES IN EDUCATIONAL RESEARCH. Credit, 2½ quarter hours.

First term. Professor Knight and Professor Gruhn. Hour: 12:00 daily.

Required of all candidates for higher degrees in the fields of educational administration, secondary, and elementary education and is designed particularly to assist students in selecting problems for theses and in organizing, and writing master's and doctor's theses. Consideration will also be given to (1) the function of research in education; (2) types of research and the principle techniques of each type; (3) organization and interpretation of data; and (4) preparing and evaluating research reports.

s204. BUSINESS MANAGEMENT AND SCHOOL FINANCE. Credit, 2½ quarter hours. Prerequisite, Education 101 or its equivalent.

Second term. Professor McDonald. Hour: 9:00 daily.

The sources of public revenues, problems of state and federal taxation for schools, principles of school finance, school budget problems, public school accounting, and accounting for extra-curriculum and student body funds within the school. Records and reports of prominent school systems will be examined with a view to giving the students a broad background in the field of public school business administration and finance.

s272b. PROBLEMS IN EDUCATIONAL PSYCHOLOGY. Credit, 2½ quarter hours.

Second term. Professor Jordan. Hour: 10:00 daily.

b. Psychology of Learning. Emphasis in this course is on the practical applications of the theories developed in 272a.

s273b. TESTS AND MEASUREMENTS IN GUIDANCE. Credit, 2½ quarter hours. Prerequisite, 20 quarter hours in Education.

Second term. Professor Jordan. Hour: 12:00 daily.

A study of the principles of test construction and of the application of these various types of measures to educational and vocational guidance. Tests of intelligence, achievement, trade, personality including those of interest and emotion, rating scales, aptitude tests, and data about the individual child are critically evaluated.

s281. TRENDS AND PROBLEMS IN THE TEACHING OF ENGLISH. Credit, 2½ quarter hours. Prerequisite, Education 181 or equivalent and Education 82, or experience in teaching English.

First term. Professor Farrar. Hour: 8:00 daily.

Studies and investigations of recent tendencies in English curricula and methods, and consideration of certain neglected aims and opportunities in the teaching of English.

s283. PROBLEMS IN THE MATERIALS AND METHODS OF TEACHING MODERN FOREIGN LANGUAGES. Credit, 2½ quarter hours. Prerequisite, a year's experience of teaching some modern language in secondary school or college and 20 quarter hours in Education.

First term. Professor Haygood. Hour: 8:00 daily.

The work will consist of the discussion of problems and research in the particular field of the student. The best ideas in methodology, texts, articles, dealing with the language in which the student is interested, bibliography of the field, etc., will be taken up both in class discussion and in conferences between the instructor and the students. Weekly reports. A term paper dealing with some problem in connection with the teaching of the language of the student.

s291. INVESTIGATIONS AND TRENDS IN TEACHING NATURAL SCIENCE. Credit, 5 quarter hours. Prerequisite, a year's experience in teaching science in secondary schools.

First term. Professor Preston. Hours: 11:00 to 1:00 daily.

Modern trends and investigations in organizing, teaching, and evaluation within the secondary school science field will be studies critically. Special problems, reading, reports, discussions, and term paper.

s296ab. THE ORGANIZATION AND ADMINISTRATION OF SECONDARY SCHOOLS. Credit, 2½ or 5 quarter hours.

Both terms. First term. (a) Professor Rosentengel. Hour: 12:00 daily. (b) Professor Gwynn. Hour: 12:00 daily. Second term. (a) Professor Johnston. Hour: 9:00 daily.

(a) Organization of secondary school units, housing; selecting and assigning the staff; schedule making; organization of guidance and of extra-curricular activities. (b) Organization and administration of discipline, student participation in government and management. Public relations, and publicity; pupil, equipment, and internal fund accounting and related problems of administration; government; and problems of organization and administration relating to instruction.

s375. THESIS. Credit, 2½ or 5 quarter hours.

Through both terms. Professors in the Department. Hours: to be arranged.

This course will include such work as is necessary for each student in connection with the writing of his thesis or dissertation in the Department of Education.

s398ab. PROBLEMS IN SECONDARY EDUCATION. Credit, 2½ quarter hours. Prerequisite, two previous courses in secondary education.

Second term. Professor Johnston. Hours: 2:00 to 4:00 T. & Th.

This course provides the opportunity for graduate students to carry on either (a) an intensive study of some topic in secondary education employing library techniques and resources, or (b) a limited research project, or (c) a field study in a secondary school employing modern techniques of investigation; a written report is required.

ENGLISH

Courses for Undergraduates

s3. ENGLISH COMPOSITION. Credit, 3 quarter hours.

First term. Mr. Hartsell. Hour: 8:00 daily (including Saturdays). Murphey 201.

Final quarter of freshman English. Themes, personal conferences, study of essay, directed readings.

s22. ENGLISH LITERATURE. Credit, 3 quarter hours. Prerequisite, English 21.

First term. Mr. Bailey. Hour: 10:00 daily (including Saturdays). Murphey 201.

s23. ENGLISH LITERATURE (Continued). Credit, 3 quarter hours.

Second term. Mr. Hudson. Prerequisite, English 22. Hour: 10:00 daily (including Saturdays). Murphey 201.

s41. THE ORAL INTERPRETATION OF LITERATURE: VOICE TRAINING. Credit, 2½ quarter hours.

First term. Professor Olsen. Hours: 2:00-4:00 Wed. Caldwell.

The object of the course is the improvement of the voice and enunciation for public and private speaking. Attention to standards of diction and pronunciation. Practice in oral reading. Several voice recordings are made for each student.

s44. PUBLIC SPEAKING: INTRODUCTORY COURSE. Credit, 5 quarter hours.

First term. Professor Olsen. Hours: 9:00 and 11:00 daily. Caldwell.

The purpose is to improve the student's ability to speak in public and private. Emphasis is placed on a realistic approach, organization of material through written outlines, composition, language, delivery. Several recordings are made for each student.

s53a. CREATIVE WRITING. Credit, 2½ quarter hours.

Second term. Professor H. K. Russell. Hour: 11:00 daily. Murphey 202.

Study of and practice in various forms of original and imaginative writing, including verse, the short story, and the novel. Class criticism and discussion.

s76a. MASTERPIECES OF THE NINETEENTH CENTURY. Credit, 2½ quarter hours.

First term. Professor Booker. Hours: 10:00 daily. Murphey 202.

The aim of the course is to reveal certain masterpieces of the past century as commentaries on man's relation to God, nature, woman, and the state.

s97ab. CONTEMPORARY LITERATURE. Credit, 2½ or 5 quarter hours.

Both terms. First term: Professor Bailey. Second term: Professor H. K. Russell. Hour: 12:00 daily. Murphey 201.

A study of English and American prose writings since 1920. Representative works will be analyzed and related to the cultural influences of the period.

Courses for Graduates and Advanced Undergraduates

s103ab. MIDDLE ENGLISH: CHAUCER. Credit, 2½ or 5 quarter hours.

Both terms. First term: Professor Ericson. Second term: Professor Sharpe. Hour: 8:00 daily. Murphey 206.

s113ab. ENGLISH DRAMA TO 1600. Credit, 2½ or 5 hours.

Both terms. First term, Professor Wells. Second term, Professor Sharpe. Hours: 10:00 daily. Murphey 206.

English drama of the sixteenth century with preliminary consideration of the religious drama of western Europe and in Medieval England.

s121ab. ENGLISH LITERATURE, 1616-1700. Credit, 2½ or 5 quarter hours.

Both terms. First term, Professor Wells. Second term, Professor Howell. Hours: 12:00 daily. Murphey 206.

The non-dramatic literature of the period.

s125b. MILTON. Credit, 2½ quarter hours.

Second term. Professor Howell. Hours: 10:00 daily. Murphey 206.

The works of Milton are studied in the light of the life, times, and culture of the poet, with some consideration of the problems involved in such a study.

s131ab. ENGLISH LITERATURE, 1700-1780. Credit, 2½ or 5 quarter hours.

Both terms. First term. Professor Boyce. Second term. Professor Hartley. Hours: 11:00 daily. Murphey 206.

s141b. ENGLISH LITERATURE, 1780-1930. Credit, 2½ quarter hours.

Second term: Professor Hudson. Hour: 8:00 daily. Murphey 201.

A survey of English literature of the Romantic period with special attention to the greater poets.

s153ab. LITERATURE OF THE SOUTH. Credit, 2½ or 5 quarter hours.

Both terms. First term, Professor Paine. Second term, Professor Warfel. Hours: 9:00 daily. Murphey 201.

First term, prose: Poe, Simms, Kennedy, Cable, Harris, T. N. Page, W. H. Page, and others; second term, poetry: Poe, Timrod, Hayne, Lanier, and others.

s163b. LITERARY CRITICISM. Credit, 2½ quarter hours.

Second term. Professor Hartley. Hours: 9:00 daily. Murphey 206.

The principles that have animated classical, romantic, and realistic literature.

s170a. MODERN ENGLISH. Credit, 2½ quarter hours.

First term. Professor Ericson. Hour: 10:00 daily. Murphey 207.

A study of current idiom and Modern English grammar and syntax in the light of the historical development of our language. Modern English will be related to the Middle and Old English periods.

Courses for Graduates

s241a. STUDIES IN EIGHTEENTH-CENTURY LITERATURE. Credit, 2½ quarter hours.

First term. Professor Boyce. Hours: 9:00 daily. Murphey 206. Studies in prose fiction before 1740.

s244a. VICTORIAN LITERATURE. Credit, 2½ quarter hours.

First term. Professor Booker. Hours: 4:00-6:00 T., F., Library.

A study of one of the two main literary currents of the Victorian period—the social and religious literature of Carlyle, Dickens and the humanitarian novelists, Tennyson, Browning, Ruskin, Arnold, Morris, and Swinburne.

s284ab. AMERICAN LITERATURE, 1855-1900. Credit, 2½ or 5 quarter hours.

Both terms. First term: Professor Paine. Second term, Professor Warfel. Hours: 11:00 daily. Murphey 202.

This survey has no prerequisite. The chief authors studied are Melville, Whitman, Mark Twain, Bret Harte, and Howells. Some stress is placed on the rise of realism, literary criticism, and the dominance of magazines.

s339ab. DIRECTED READINGS. Credit, 2½ or 5 quarter hours.

Through both terms. Hours to be arranged with individual instructors.

Research under the direction of a member of the graduate staff. The fields vary in accordance with the special interests of those members of the staff in residence. In the summer of 1940, individual or group studies will be directed as follows: First term: in Old and Middle English, and in Modern English, particularly in American dialects, by Professor Ericson; in the Renaissance, by Professor Wells; in the Classical Period, by Professor Boyce; in Victorian literature, by Professor Booker; in American literature, by Professor Paine. Second term: in the Renaissance, by Professor Howell and Professor Sharpe; in the eighteenth century, by Professor Hartley; in the Romantic Movement, by Professor Hudson; in American literature, by Professor Warfel.

s341ab. SPECIAL RESEARCH. Credit, 2½ or 5 quarter hours.

Through both terms. Hours to be arranged with individual instructors.

Thesis course. Investigation in a special field.

GEOLOGY AND GEOGRAPHY

Geology

Courses for Undergraduates

s3b. ELEMENTS OF GEOLOGY. (Natural Science 3b). Credit, 4 quarter hours.

Second term. Professor Edwards and Assistant. Laboratory fee, $2.00. Hours: Lectures, 9:00 daily (including Saturdays); Laboratory, 2:00-4:00, T., Th. New East.

A brief survey of the field of geology. The course emphasizes the geologic basis of North American scenery and the geologic factors in modern civilization.

s41. INTRODUCTION TO GEOLOGY-PHYSICAL. Credit, 6 quarter hours.

First term. Professor Prouty and Assistant. Laboratory fee, $3.00. Hours: Lectures, 8:00 daily (including Saturdays); Laboratory, 2:00 to 4:00 four days a week. New East.

s42. INTRODUCTION TO GEOLOGY-HISTORICAL. Credit, 6 quarter hours.

Second term. Professor Edwards and Assistant. Laboratory fee, $3.00. Hours: Lectures, 8:00 daily (including Saturdays); Laboratory, 2:00 to 4:00 four days a week. New East.

Courses for Graduates and Advanced Undergraduates

s128-s129. SUMMER FIELD COURSE. Credit, 10 quarter hours.

A six weeks' course to be given in North Carolina and bordering states. In this course Economic, Structural and Stratigraphic Geology, and Geologic Mapping will be emphasized. For details, write the Department of Geology.

Courses for Graduates

s321. RESEARCH IN STRUCTURAL GEOLOGY. Credit, 2½ or 5 quarter hours.

First term. Professor Prouty. Hours: to be arranged.

s329. RESEARCH IN ECONOMIC GEOLOGY. Credit, 2½ or 5 quarter hours.

First term. Professor Prouty. Hours: to be arranged.

This course is intended for applicants for advanced degrees. Laboratory work and conferences with the Professor in charge of the work.

s381. RESEARCH IN STRATIGRAPHY. Credit, 2½ or 5 quarter hours.

Second term. Professor Edwards. Hours: to be arranged.

Geography

Courses for Undergraduates

s51. INDUSTRIAL AND COMMERCIAL GEOGRAPHY. Credit, 5 quarter hours.

First term. Professor Erickson. Hours: Lectures, 9:00-11:00 daily. New East.

s74. GEOGRAPHY FOR TEACHERS. Credit, 3 quarter hours.

First term. Professor Erickson. Second term, Professor Emory. Hours: 8:00 daily. New East.

A course designed to acquaint teachers with the fundamentals of Geography. The most important factors of the physical environment are studied in their relationship to human activities. (With laboratory, to be arranged, this course may be substituted for Natural Science 3c.)

Courses for Graduates and Advanced Undergraduates

s153. POLITICAL GEOGRAPHY. Credit, 5 quarter hours.

Second term. Professor Emory. Hours: 9:00-11:00.

The course deals with geographic factors affecting international relations.

Courses for Graduates

s211. SPECIAL WORK IN GEOGRAPHY. Credit, 2½ or 5 quarter hours.

Second term. Professor Emory. Hours: to be aranged.

s311. RESEARCH IN GEOGRAPHY. Credit, 2½ or 5 quarter hours.

First term. Professor Erickson. Hours: to be arranged.

GERMAN

Courses for Undergraduates

s1. ELEMENTARY COURSE. Credit, 3 quarter hours if followed by German s2 and 3 or German 2 and 3. If followed by s2 will admit to German 3.

First term. Mr. Beerbaum. Hours: 8:00 and 12:00 six days a week. Saunders 109.

Grammar; written and oral exercises; sight reading.

s2. ELEMENTARY COURSE. Credit, 3 quarter hours if preceded by German s1 or 1 followed by German 3. Completion of this course admits to German 3.

Second term. Mr. Lancaster. Hours: 8:00 and 12:00 six days a week. Saunders 109.

Continuation of s1.

s3. INTERMEDIATE COURSE. Credit, 3 quarter hours if preceded by German s1 and s2 or 1 and 2. This course covers the same material as German 3 in the regular term. Successful completion admits to German 21.

First term. Professor Coenen. Hours: 3:00 and 12:00 six days a week. Saunders 111.

Rapid reading and review of grammar.

s21. INTRODUCTION TO GERMAN LITERATURE. Prerequisite, 1, 2, 3, or 11, 12, 13 or the equivalent. Credit, 5 quarter hours. If followed by s22 it forms the equivalent of German 21-22-23 of the regular session.

First term. Professors Jente and Coenen. Hours: 9:00 and 12:00 daily. Saunders 110.

German literature of the classical period.

s22. INTRODUCTION TO GERMAN LITERATURE. Credit, 5 quarter hours. With s21 it forms the equivalent of German 21-22-23.

Second term. Professor Friederich and Mr. Lancaster. Hours: 9:00 and 12:00 daily. Saunders 110.

German literature of the nineteenth century.

Courses for Graduates and Advanced Undergraduates

s101. (Comparative Linguistics). INTRODUCTION TO THE HISTORICAL STUDY OF LANGUAGE. Credit, 2½ quarter hours. Prerequisite, a reading knowledge of one classical language, and French or German.

First term. Professor Lane. Hours: 10:00 daily. Saunders 113.

The course will include practical phonetics, phonetic change, morphologic change, the comparative method, and a survey of language families with special emphasis on Indo-European.

s131. LESSING AND HIS TIME. Credit, 5 quarter hours. Prerequisite, 21, 22, 23, or equivalent.

Second term. Professor Friederich. Hours: 10:00 and 11:00 daily. Saunders 110.

New trends in German literature from 1700 to 1780. French and English influences. Wieland, Klopstock, Herder.

Courses for Graduates and Advanced Undergraduates

s151. MODERN GERMAN LITERATURE. Credit, 5 quarter hours. Prerequisite, 21-22-23, or equivalent.

First term. Professor Jente. Hours: 9:00 and 11:00 daily. Saunders 113.

The German drama, lyric, and novel (1880-1930). Lectures, assigned readings, and reports.

Courses for Graduates

s222. OLD AND MIDDLE HIGH GERMAN GRAMMAR. Credit, 5 quarter hours. Prerequisite, a reading knowledge of German, and some training in linguistics.

First term. Professor Lane. Hours: 8:00 and 12:00 daily. Saunders 113.

HISTORY

Courses for Undergraduates

s1. SOCIAL SCIENCE. Credit, 3 quarter hours.

First term. Professor Pegg. Hour: 8:00 daily (including Saturdays). Saunders 212.

A survey of the chief factors in Western Civilization through the French Revolution, designed to throw light on the institutions, ideas, and problems of the present.

s2. SOCIAL SCIENCE. Credit, 3 quarter hours.

First term. Professor Mowry. Hours: 9:00 daily. Saunders 212.

A continuation of s1 Social Science, concerned with the chief factors in Western Civilization from the American and French Revolutions to the eve of the World War.

s3. SOCIAL SCIENCE. Credit, 3 quarter hours.

Second term. Professor Sitterson. Hour: 8:00 daily (including Saturdays). Saunders 212.

A continuation of s2 Social Science, concerned with the more important institutions, problems, and ideals of contemporary life.

s71. HISTORY OF THE UNITED STATES TO 1860. Credit, 5 quarter hours.

First term. Hours: 10:00 to 12:00 daily. Saunders 312. Professor Johnson.

A general survey of the history of the United States from the beginning to the Civil War.

s72. HISTORY OF THE UNITED STATES SINCE 1860. Credit, 5 quarter hours.

Second term. Professor Sitterson. Hours: 10:00 to 12:00 daily. Saunders 212.

A general survey of the history of the United States since 1860.

Courses for Graduates and Advanced Undergraduates

s102d. PERIOD STUDIES IN ROMAN HISTORY. Credit, 2½ quarter hours.

Second term. Professor Russell. Hours: 8:00 daily. Saunders 312.

The Flavians and Antonines.

s124. AGE OF THE RENAISSANCE, 1250-1550. Credit, 5 quarter hours.

First term. Professor MacKinney. Hours: 8:00 to 10:00 daily. Saunders 216.

s134a. RISE OF DEMOCRACY AND NATIONALISM IN MODERN EUROPE, 1815-1850. Credit, 2½ quarter hours.

First term. Professor Garrett. Hours: 9:00 daily. Saunders 316.

134b. RISE OF DEMOCRACY AND NATIONALISM IN MODERN EUROPE, 1850-1870. Credit, 2½ quarter hours.

First term. Professor Garrett. Hours: 10:00 daily. Saunders 316.

s136. RECENT AND CONTEMPORARY EUROPEAN HISTORY. Credit, 5 quarter hours.

First term. Professor Pegg. Hours: 11:00 to 1:00 daily. Saunders 316.

Europe from 1918 to the present.

s138. ENGLAND FROM 1603 TO 1760. Credit, 5 quarter hours.

Second term. Professor Wagstaff. Hours: 11:00 to 1:00 daily. Saunders 316.

The national development and expansion of the British state during the period.

s143a. DIPLOMATIC HISTORY OF THE UNITED STATES, 1776-1876. Credit, 2½ quarter hours.

First term. Professor Johnson. Hour: 8:00 daily. Saunders 312.

s150a. THE AMERICAN COLONIES, 1689-1763. Credit, 2½ quarter hours.

First term. Professor Lefler. Hour: 9:00 daily. Saunders 315.

s150b. THE AMERICAN COLONIES, 1763-1783. Credit, 2½ quarter hours.

First term. Professor Lefler. Hour: 10:00 daily. Saunders 315.

s152a. THE MIDDLE PERIOD OF UNITED STATES HISTORY, 1815-1837. Credit, 2½ quarter hours.

Second term. Professor Newsome. Hour: 9:00 daily. Saunders 315.

s155. RECENT AMERICAN HISTORY, 1877-1901. Credit, 5 quarter hours.

First term. Dr. Mowry. Hours: 11:00 to 1:00 daily. Saunders 315.

s162a. NORTH CAROLINA, 1815-1865. Credit, 2½ quarter hours.

Second term. Professor Newsome. Hour: 8:00 daily. Saunders 315.

s164. THE SOUTH, 1877-1939. Credit, 5 quarter hours.

Second term. Professor Green. Hours: 10:00 to 12:00 daily. Saunders 315.

Courses for Graduates

s201a. EUROPEAN HISTORIOGRAPHY. Credit, 2½ quarter hours.

First term. Professor MacKinney. Hours: to be arranged.

s201b. AMERICAN HISTORIOGRAPHY. Credit, 2½ quarter hours.

Second term. Professor Newsome. Hours: to be arranged.

s301. SEMINAR IN EUROPEAN HISTORY. Credit, 2½ quarter hours.

Second term: Professor Russell. Hours: to be arranged.

s321. SEMINAR IN EUROPEAN HISTORY. Credit, 2½ quarter hours.

First term. Professor Garrett. Hours: to be arranged.

s331. SEMINAR IN AMERICAN HISTORY. Credit, 2½ quarter hours.

First term. Professor Lefler. Hours: to be arranged.

s335. SEMINAR IN AMERICAN HISTORY. Credit, 2½ quarter hours.

Second term. Professor Green. Hours: to be arranged.

LATIN

Courses for Graduates and Advanced Undergraduates

s102. ROMAN DRAMATIC LITERATURE. Credit, 2½ quarter hours.

First term. Professor Sanders. Hour: 12:00 daily. Murphey 103.

A study of the development of Roman Comedy and Tragedy. Readings from selected plays.

s104. CICERO. Credit, 2½ quarter hours.

First term. Professor Sanders. Hours: 10:00 daily. Murphey 103.

A study of Cicero's works, with emphasis on those writings which deal particularly with his public career.

s116. HORACE. Credit, 2½ quarter hours.

First term. Professor Sanders. Hour: 8:00 daily. Murphey 103.

A study of the poetry of Horace, its form, content, and relations to the life and conditions of the period.

s153. CAESAR. Credit, 2½ quarter hours.

Second term. Professor Mierow. Hour: 9:00 daily. Murphey 108.

The course will deal with readings from Caesar's Gallic and Civil Wars, and with the politics and history of the period.

Courses for Graduates

s202. LATIN EPIGRAPHY. Credit, 2½ quarter hours.

First term. Professor Harrer. Hours: 9:00 daily. Murphey 108.

The aim of the course is to acquire facility in the reading of inscriptions, and an understanding of their values in the field of Roman studies.

s209. ROMAN EPISTOLARY LITERATURE. Credit, 2½ quarter hours.

Second term. Professor Mierow. Hour: 12:00 daily. Murphey 108.

Readings from the letters of leading Romans, Cicero, Seneca, Pliny, and a study of the letter as a literary form.

s301. LATIN SEMINAR. Credit, 2½ quarter hours.

First term. Professor Harrer. 10:00 daily. Murphey 108.

The subject will be the critical study of an author, or of a literary type, e.g. Cicero, Vergil, Tacitus.

s302. LATIN SEMINAR. Credit, 2½ quarter hours.

Second term. Professor Mierow. Hour: 10:00 daily. Murphey 108.

The subject is the study of an author or of a literary type e.g. Sallust, Horace.

s310. THESIS COURSE. Credit, 2½ quarter hours.

First term. Professor Harrer. Hour: 11:00 daily. Murphey 105.

Work on special topics, and with individual conferences. The work carries credit only in connection with the completed thesis.

NOTES: Courses in Ancient History make an approved Minor for an advanced degree in Latin, and may, by special permission of the Classics Department, be counted in the Major. Minors is related Languages and Literatures are regularly admitted.

The Department is ready, on sufficient demand, to offer courses in Undergraduate Latin.

It is possible that the topics for Graduate work mentioned above may be altered to meet the special needs of Graduate students whose major is in Latin.

SCHOOL OF LAW

ACCOUNTING IN LAW PRACTICE. Credit, 2½ semester hours.

First term. Professor Graham. Hours: 11:00-12:20 daily.

CORPORATIONS. Credit, 2½ semester hours.
First term. Professor M. S. Breckenridge. Hours: 2:00-3:20 daily.

CRIMINAL PROCEDURE. Credit, 2½ semester hours.
First term. Professor Coates. Hours: 8:00-9:20 daily.

LEGAL METHOD. Credit, 2½ semester hours.
First term. Professor Cook. Hours: 9:30-10:50 daily.

DAMAGES. Credit, 2½ semester hours.
Second term. Professor Wettach. Hours: 2:00-3:20 daily.

FEDERAL JURISDICTION AND PROCEDURE. Credit, 2½ semester hours.

Second term. Professor Poteat. Hours: 11:00-12:20 daily.

QUASI-CONTRACTS. Credit, 2½ semester hours.
Second term. Professor Spruill. Hours: 9:30-10:50 daily.

TAXATION. Credit, 2½ semester hours.
Second term. Professor Brandis. Hours: 8:00-9:20 daily.

Beginning students will not be admitted during the summer session. The courses offered are open only to advanced students who are in good standing in a member school of the Association of American Law Schools.

Separate credit may be obtained for the work of each term. Credit for two and one-half semester hours will be given for each subject completed each term. All classes meet daily from Monday to Friday, inclusive, for one hour and twenty minute periods each. Two courses constitute the maximum load for which a student may register.

Attendance throughout the entire summer session enables the successful student to obtain credit equivalent to one-third of a regular year's work.

Fees: $35.00 for one term; $65.00 for both terms. Room rent in "L" dormitory is $7.50 for each occupant of a double room, for each term of the summer session. See General Information—Rooms.

The School of Law of the University of North Carolina is approved by the American Bar Association, by the North Carolina Board of Law Examiners, and is a member of the Association of American Law Schools.

*SCHOOL OF LIBRARY SCIENCE

**s102ab. CATALOGING AND CLASSIFICATION. Credit, 2½ quarter hours each term.

Through both terms. First term: Professor Snow. Hour: 8:00 daily. Second term: Mrs. Grant. Hour: 8:00 daily. Laboratory, 3:00-4:30 four times a week. Library 313. Prerequisite, s101ab.

* All courses count toward a degree in library science, *except* Education s96. Only Ed. s96, s122, and s123 count for an A.B.

** "ab" indicates the course is divided into two parts, "a" comes the first term, "b" the second term. "a" is prerequisite for "b."

s112ab. REFERENCE AND BIBLIOGRAPHY. Credit, 2½ quarter hours each term.

Through both terms. First term: Professor Kelling. Hour: 9:00 daily. Second term: Professor Martin. Hour: 9:00 daily. Library 313. Prerequisite, s111ab.

s122a. BOOK SELECTION FOR HIGH SCHOOL LIBRARIES. Credit, 2½ quarter hours.

Both terms. First term. Professor Meigs. Hours: 9:00 and 12:00 daily. High School. Professor Henke. Hours: 10:00 and 11:00 daily. Second term. Professor Henke. Hours: 8:00 daily. High School. Same as Education s95.

s122b. BOOK SELECTION FOR HIGH SCHOOL LIBRARIES. Credit, 2½ quarter hours.

Second term. Professor Meigs. Hours: 9:00 and 12:00 daily. High School.

Same as Education s95.

s123a. BOOK SELECTION FOR CHILDREN'S LIBRARIES. Credit, 2½ quarter hours.

Both terms. First term. Mrs. Jordan. Hours: 11:00 daily. High School 201. Second term. Professor Henke. Hours: 12:00 daily. High School 201.

Same as Education s97.

s123b. BOOK SELECTION FOR CHILDREN'S LIBRARIES. Credit, 2½ quarter hours.

Second term. Professor Henke. Hours: 11:00 daily. High School 201.

Same as Education s97.

**s124ab. BOOK SELECTION FOR COLLEGE LIBRARIES. Credit, 2½ quarter hours each term.

Through both terms. Professor Meigs. First term: hour—11:00 daily. Library 313. Second term: hour—11:00 daily. Library 313.

s141ab. ADMINISTRATION OF LIBRARIES. Credit, 2½ quarter hours.

Both terms. First term. Professor Kelling. Hours: 10:00 and 12:00 daily. Library 313. Second term. Miss Martin. Hours: 10:00 and 12:00 daily. Library 313.

s143a. SCHOOL LIBRARY ORGANIZATION AND ADMINISTRATION. Credit, 2½ quarter hours.

Both terms. First term. Miss Baity. Hours: 8:00 and 12:00 daily. Mrs. Jordan. Hours: 9:00 and 12:00 daily. Second term. Miss Baity. Hours: 9:00 daily.

s143b. SCHOOL LIBRARY ORGANIZATION AND ADMINISTRATION. Credit, 2½ quarter hours.

Second term. Miss Baity. Hours: 8:00 and 12:00 daily. High School 204.

** "ab" indicates the course is divided into two parts, "a" comes the first term, "b" the second term. "a" is prerequisite for "b."

Teacher-Librarians

To meet the requirements for the North Carolina Library Science Certificate for Teacher-Librarians students should take Courses numbered s122ab, s123ab, s143ab described above and Education s96 described below.

s96. SELECTION AND USE OF REFERENCE MATERIALS. Credit, 2½ quarter hours.

Both terms. First term. Miss Baity. Hours: 9:00 daily. Professor Henke. Hours: 8:00 daily. Professor Snow. Hours: 10:00 daily. Miss Lewter. Second term. Mrs. Grant. Hours: 10:00 daily.

Admission

Since enrollment in all Library Science courses is limited, and credentials must be submitted in advance, *application for admission to all such courses should be made immediately upon receipt of this catalog.*

The principal requirement for admission is a bachelor's degree from an accredited college or university.

Mature persons who cannot qualify for admission to the regular curriculum and who are not interested in completing the work for the degree but who could take certain courses with profit, will be admitted as special student, *if there is room for them.* They, too, *should apply immediately upon receipt of this catalog.*

MATHEMATICS

Courses for Undergraduates

*s1, 2a. INTRODUCTORY MATHEMATICS (Part one). Credit, 5 quarter hours.

First term. Professor Linker. Hours: 9:00 and 11:00 daily. Phillips 353.

*s2b, 3. INTRODUCTORY MATHEMATICS (Part two). Credit, 5 quarter hours.

Second term. Professor Cameron. Hours: 9:00 and 11:00 daily. Phillips, 353.

**s7. ALGEBRA. Credit, 5 quarter hours.

First term. Professor Browne. Hours: 9:00 and 12:00 daily. Phillips 352.

**s8. TRIGONOMETRY. Credit, 5 quarter hours.

Second term. Professor Lasley. Hours: 9:00 and 12:00 daily. Phillips 352.

s32. DIFFERENTIAL CALCULUS. Credit, 5 quarter hours.

First term. Professor Henderson. Hours: 8:00 and 10:00 daily. Phillips 353.

s33. INTEGRAL CALCULUS. Credit, 5 quarter hours.

Second term. Professor Hill. Hours: 8:00 and 10:00 daily. Phillips 353.

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* s1, 2a and s2b, 3 are the same as 1, 2, 3, in the regular catalog.

** s7 and s8 allow a student to take the full course of freshman mathematics as it was formerly given in the University. These courses are offered primarily for the benefit of transfer students.

Courses for Graduates and Advanced Undergraduates

s103. INTRODUCTION TO HIGHER GEOMETRY. Credit, 2½ quarter hours.

First term. Professor Mackie. Hours: 10:00 daily. Phillips 352.

This course is designed primarily for teachers and for those who plan to teach in the secondary schools, but may be used for an elective by those who are interested in acquainting themselves with modern advance in geometry beyond Euclid.

s131. THEORY OF EQUATIONS. Credit, 5 quarter hours.

Both terms. First term. Professor Browne. Second term. Professor Hill. Hours: 11:00 daily. Phillips 352.

Such subjects as the solution of equations of higher degree, transformations, determinants, elimination, invariants and covariants, and symmetric funcctions are treated in detail. The student is afforded a survey of the general problem and the basic principles of the formation, handling, and evolution of equations.

s141. DIFFERENTIAL EQUATIONS. Credit, 5 quarter hours.

Both terms. First term. Professor Linker. Second term. Professor Cameron. Hour: 8:00 daily. Phillips 360.

s171. ADVANCED CALCULUS. Credit, 5 quarter hours. Prerequisite, Mathematics 33.

First term. Professor Mackie. Hours: 9:00 and 12:00 daily. Phillips 358.

This course completes and rounds out the subject as given in Mathematics 33. Stress upon rigor in demonstration. Designed to meet the particular needs of the class, e.g., problem course on study of special functions. Thorough knowledge of calculus is the aim of the course.

Courses for Graduates

s236. HIGHER PLANE CURVES. Credit, 2½ quarter hours.

Second term. Professor Lasley. Hours: 10:00 daily. Phillips 360.

A course dealing with plane curves, particularly conics, cubics, and quartics; polarity, Plücker formulas, curves of Hesse, Steiner, and Cayley; classification of cubics, intersections of curves, singularities of curves, unicursal curves.

s271. INTRODUCTION TO THE THEORY OF RELATIVITY. Credit, 2½ quarter hours.

First term. Professor Henderson. Hours: 9:00 daily. Phillips 360.

In this course the essential features of the special and general relativity theories of Einstein are set forth from the mathematical point of view. Particular study is made of the Lorentz transformation and of the three crucial tests of the theory.

MUSIC

All offerings in Music will meet in Hill Music Hall in rooms to be determined by the Department.

Courses for Undergraduates

s1. MUSICAL NOTATION, SIGHT-SINGING, AND DICTATION. Credit, 2 quarter hours.

Each term. First term: Professor Slocum and Assistant. Second term: Professor Toms. Hours: 8:00 daily and 3 additional hours per week to be arranged.

A course in the rudiments of musical notation with practice in reading and writing scales, intervals, melodies, and elementary harmonic materials. No prerequisite or previous training is necessary, but previous musical experience will obviously be of great value to the student.

s2. MUSICAL NOTATION, SIGHT-SINGING, AND DICTATION. Credit, 2 quarter hours.

Second term. Professor Toms. Hours: 8:00 daily and 3 additional hours per week to be ararnged.

Continuation of s1.

†s14. HARMONY. Credit, 2½ quarter hours. Prerequisite, Music 1-2-3. In lieu of prerequisite students may take s1 concurrently.

Each term. First term: Professor Haydon. Second trem: Professor Schinhan. Hour: 9:00 daily.

†s15. HARMONY. Credit, 2½ quarter hours.

Second term: Professor Schinhan. Hour: 2:00 daily.

Continuation of s14.

*s21. MUSICAL NOTATION, SIGHT SINGING, AND DICTATION. Credit, 1 quarter hour. Each term. Four class hours a week.

s25. HISTORY OF MUSIC. Credit, 2½ quarter hours.

First term. Professor Haydon. Hour: 12:00 daily.

A course covering the music of the seventeenth and eighteenth centuries, the second part of the general course in the history and appreciation of music. The course will be illustrated with music examples of the period.

s26. HISTORY OF MUSIC. Credit, 2½ quarter hours.

Second term. Mr. Hansen. Hour: 11:00 daily. Open to all students.

A course covering romantic and modern music, the third part of the general course in the history of music.

*†s44. ADVANCED HARMONY. Credit, 2½ quarter hours.

Each term. Five class hours a week.

s55. INSTRUMENTAL MUSIC OF THE ROMANTIC AND MODERN PERIODS. Credit, 3 quarter hours. Second term: Mr. Hansen. Hour: 12:00 daily and other hours to be arranged.

The course is illustrated by phonographic recordings. Open to juniors, seniors, and graduates, without prerequisite .Will not be accepted as part of a major.

† Other portions of the first two years of Harmony (14-15-16, 44-45-46) may be taker by special arrangement.

* To be given if the demand warrants.

s61. MODAL COUNTERPOINT IN THE 16TH CENTURY STYLE. Credit, 2½ quarter hours. Prerequisite, Music 14-15-16.

Second term. Professor Schinhan. Hour: 10:00 daily.

Study and practice of the contrapuntal technique of the 16th century; the writing of simple motets.

s71. INSTRUMENTATION, ELEMENTARY ORCHESTRATION, AND CONDUCTING. Credit, 2½ quarter hours.

First term. Professor Slocum. Hour: 9:00 daily.

A course in the study of the principles and practice of instrumentation, elementary score reading, and conducting.

*s72. INSTRUMENTATION, ELEMENTARY ORCHESTRATION, AND CONDUCTING. Credit, 2½ quarter hours.

Second term. Five class hours a week.

*s74. ANALYSIS AND COMPOSITION IN THE SMALLER FORMS. Credit, 2½ quarter hours. Prerequisite, Music 14-15-16.

Second term. Five class hours a week.

APPLIED MUSIC

Individual Instruction

The courses in Applied Music are open to students in any department of the University. The work in these courses is regarded not merely as technical training in performance but also as a study of musical literature. A course in Applied Music normally extends through three quarters, and credit will not be given except on completion of an entire course.**

The following regulations govern individual instruction in Applied Music. Fees: $12:00 a term for one lesson a week; $18.00 a term for two lessons a week. Practice rooms and periods are assigned at the Office of the Department of Music. Fee for one hour daily practice period—$2.00 a term; fee for two hours daily practice period—$3.00 a term; fee for six hours practice a week on Reuter four manual organ—$8.00 each term. Other rates in proportion. All fees for Applied Music and practice must be paid at the Office of the Department of Music.

sA, sB, sC, sD, sE. INDIVIDUAL INSTRUCTION IN ORGAN, PIANO, VOICE, VIOLIN, AND OTHER BAND AND ORCHESTRAL INSTRUMENTS.

Hours: by arrangement.

sA. ORGAN.

First term: Professor Schinhan. Second term: Professor Schinhan.

sB. PIANO.

First term: Mr. Livingston. Second term: Professor Schinhan.

sC. VOICE.

First term: Mr. Twaddell. Second term: Professor Toms.

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* To be given if the demand warrants.

** Credit in the Teacher Training Program will be given on the basis of 1½ quarter hours for twelve half-hour lessons with six or more hours of practice a week.

sD. STRINGED INSTRUMENTS.

First term: Mr. Bloch, Mr. Alden, Mrs. Alden.

sE. WIND INSTRUMENTS.

First term: Professor Slocum, Mr. Mitchell, Mr. Hazelman, Mr. Miller.

Class Instruction

During the first term of the Summer Session, in connection with the All-State High School Band and Orchestra Music course, class instruction in all band and orchestral instruments will be offered. See Education s55a, s56a, s57a. These courses are designed principally for teachers having to do with the organization and directing of high school bands and orchestras. Instruments may be rented at a nominal fee, but teachers are urged to bring their own instruments if possible.

sJ. CHORUS. No credit.

Each term. First term: Mr. Twaddell. Second term: Mr. Toms. Hour: 5:00 daily.

This course is open to all students of the Summer Session interested in singing the standard literature for mixed chorus.

Courses for Graduates and Advanced Undergraduates

The work in the summer terms is planned so that a properly prepared graduate student can complete the requirements for the A.M. degree in three summers of two terms each.

s102. MUSICOLOGY. Credit, 2½ quarter hours.

First term. Professor Haydon. Hour: 11:00 daily.

This part of the general course in Musicology—which is a study of the problems and methods in the various fields, historical and systematic, of musical research—is devoted to the study of musical aesthetics.

s104. FOLK MUSIC. Credit, 2½ quarter hours.

Second term. Professor Schinhan. Hour: 11:00 daily. Open to all students.

A comparative study of the folk songs of various nations, with special emphasis on the American folk music of the South. Lectures, readings, and the study of music available in print or on phonograph records.

s121. STUDIES IN THE HISTORY OF MUSIC. Credit, 2½ quarter hours. Prerequisite, a general course in the History of Music and some knowledge of music theory.

Second term. Mr. Hansen. Five class hours a week, to be arranged.

A critical study of certain composers or periods of musical development.

*s123. STUDIES IN THE HISTORY OF MUSIC. Credit, 2½ quarter hours.

First term. Five class hours a week.

* To be given if the demand warrants.

Courses for Graduates

s201. SPECIAL STUDIES. Credit and hours to be arranged.

Each term. First term: Professor Haydon. Second term: Professor Schinhan.

NOTE: The attention of students in Music is called to the following Teacher Training courses in Music, which are described under the Department of Education:

Education s51a MATERIALS AND METHODS OF TEACHING PUBLIC SCHOOL MUSIC—GRAMMAR GRADES.

Education s55a. CLASS INSTRUCTION IN WOODWIND INSTRUMENTS.

Education s56a. CLASS INSTRUCTION IN STRINGED INSTRUMENTS.

Education s57a. CLASS INSTRUCTION IN BRASS INSTRUMENTS.

Education s58a. MATERIALS AND METHODS OF TEACHING CREATIVE MUSIC.

Education s179a. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL INSTRUMENTAL MUSIC.

Education s180a. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL CHORAL MUSIC.

PHILOSOPHY

Courses for Undergraduates

s23. INTRODUCTORY ETHICS. Credit, 3 quarter hours.

First term. Professor Kattsoff. Hours: 12:00 daily.

A course designed to acquaint the beginner with the philosophical principles underlying current views of personal conduct. An evaluation of attitudes, such as the Stoic and Epicurean, expressed in present life.

Courses for Graduates and Advanced Undergraduates

s142. A CRITICAL APPROACH TO SOCIAL PSYCHOLOGY. Credit, 5 quarter hours.

First term. Professor Kattsoff. Hours: 8:00 and 9:00 M., T., W., Th., F.

First, on the basis of scientific psychological data obtained from attitudes tests a theory of values and aims of society will be set up and subjected to critical philosophical study. Secondly, a sociological study of existing society will exhibit its various institutions. Finally, these institutions will be evaluated in terms of the theory of values earlier established and necessary societal changes will be indicated. The possibility of an experimental and engineering social psychology will be discussed.

PHYSICAL EDUCATION

Courses for Undergraduates

s71a. ANATOMY OF HEAD AND VICERA. Credit, 2½ quarter hours.

First term. Professor Lawson. Hour: 8:00 daily. 302 Woollen.

This course is designed to teach certain fundamentals of gross anatomy of the human body. Essential facts concerning the structure, function, and physiology of the cerebrum and vicera in their relation to body mechanics and fundamental movements are treated.

s72a. GENERAL PHYSIOLOGY. Credit, 2½ quarter hours.

First term. Professor Lawson. Hour: 9:00 daily. 302 Woollen.

A lecture course in physiology covering the gastro-intestinal and reproductive systems. Particular attention is given to the effect of vigorous physical activity on the various body systems.

s81a. THE COACHING OF MAJOR AND MINOR SPORTS IN SECONDARY SCHOOLS AND COLLEGES. Credit, 5 quarter hours.

First term. Professor Lange: Hours: 12:00 and 2:00 daily. Gymnasium.

This course will deal with various methods and techniques of teaching secondary school sports. Particular attention will be given to offensive and defensive football and basketball. The various events in track and field, baseball, and other sports.

s83a. METHODS AND MATERIALS IN PHYSICAL EDUCATION FOR JUNIOR AND SENIOR HIGH SCHOOL GIRLS. Credit, 2½ quarter hours.

First term. Professor Tisdale. Hour: 2:00 daily. Gymnasium.

This course will deal with the practical material used in regular physical education classes. Basketball, baseball, soccer, hockey, tennis, and other phases of the games program will be presented.

s83b. METHODS AND MATERIALS IN PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS. Credit, 2½ quarter hours.

Second term. Professor Tisdale. Hour: 9:00 daily. Gymnasium.

This course follows s83a but has no prerequisite work. The material in this course will be for the elementary school program primarily. Selection of materials that are appropriate and methods of presentation will receive major consideration. Rhythmic expression, folk dancing, dramatization, plays and games suitable for different age groups will be taught.

s85a. CHILD RHYTHMICS AND ELEMENTARY DANCING FOR PUBLIC SCHOOLS. Credit, 2½ quarter hours.

First term. Professor Tisdale. Hour: 3:00 daily. Gymnasium.

This course will include singing games, basic methods and materials in modern, folk, and tap dancing. Fundamentals of movement and rhythm basic to all types of dance will be the primary consideration of the course.

Courses for Graduates and Advanced Undergraduates

s120. PRINCIPLES AND PROGRAM IN PHYSICAL EDUCATION. Credit, 2½ quarter hours.

First term. Professors Cornwell and Jamerson. Hour: 11:00 daily. 304 Woollen.

A study is made in this course of the bases for physical education in the present organization of society; the relations of physical education to general education practice; standards for judging physical education practice; and the psychological, sociological, and hygienic guides to be used in the selection of materials and methods.

s121a. ADMINISTRATION OF INTERSCHOLASTIC AND INTRAMURAL ATHLETICS IN SECONDARY SCHOOLS AND COLLEGES. Credit, 2½ quarter hours.

First term. Professors Cornwell and Jamerson. Hour: 10:00 daily. 304 Woollen.

This course is designed for directors of interscholastic and intercollegiate athletics. The topics are: relation of athletics to physical education, organization and administration of athletics, athletic

associations and committees, purchase and care of equipment, finance, student manager systems, construction and upkeep of facilities and other problems connectced with athletics.

s123. PERSONAL HYGIENE. Credit, 2½ quarter hours. Prerequisite, basic course in science.

Second term. Professor Brown. Hour: 11:00 daily. 304 Woollen.

This course presents personal and general hygiene as a means for the improvement of living. A study of the problems of living as they involve the health of the adult. Problems of the adjustment of the individuals to general conditions of rural and urban life. Various aspects of public health teaching receive consideration.

s126b. PHYSICAL EDUCATION FOR PHYSICALLY DEFICIENT CHILDREN. Credit, 2½ quarter hours.

Second term. Professor Siewert. Hour: 10:00 daily. 304 Woollen.

This course deals with the organization of programs and services in physical education for handicapped children. The problems of their personal satisfactions and functions in society will be considered. Such topics as the relation of the corrective program to the regular program, records, examination of cases, etc., will receive emphasis.

s127. INTRAMURAL AND EXTRAMURAL ACTIVITIES FOR SCHOOLS AND COLLEGES. Credit, 2½ quarter hours.

Second term. Professor Siewert. Hour: 12:00 daily. Woolen 304.

The study of the intramural and extramural program in terms of organization and administration. A critical analysis of the seasonal sports program with a view to their justification from the standpoint of objectives, age level, and contribution to the general welfare of the students participating.

Courses for Graduates

s220. TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION. Credit, 2½ quarter hours.

First term. Professor Cornwell. Hour: 10:00 daily. 301 Woollen.

This course is designed to familiarize the student with various tests and measurements in the fields of health and physical education. Special attention is given to methods of giving and scoring tests as well as the uses to be made of results obtained. An evaluation of various test materials and testing programs form an important part of the course.

s221. PHYSIOLOGY OF EXERCISE. Credit, 5 quarter hours. Prerequisite, zoology and anatomy.

First term. Professor Ferrell. Caldwell Hall. Lecture hour: 9:00, Monday, Tuesday, Wednesday, Thursday, Friday. Laboratory Hour: 2:00-4:00 M., T., W., Th.

The physiology of growth and development. The effects of excesses of speed, strength, skill, and endurance on circulation, respiration, nervous system, and the body as an organism. Relation of age and sex to body function.

s222. PRINCIPLES OF HEALTH EDUCATION. Credit, 2½ quarter hours. Prerequisite, adequate background in science.

Second term. Professor Brown. Hour: 8:00 daily. 301 Woollen.

This course, dealing with programs, principles, and materials

of public school health, will present a wide range of scientific and educational materials for courses of study. Students will set up courses of study and programs for typical situations, and will plan cooperative programs for instruction in health in the school.

s224. SCHOOL AND COMMUNITY HYGIENE. Credit, 2½ quarter hours. Prerequisite, adequate background in science.

Second term. Professor Brown. Hour: 9:00 daily. 301 Woollen.

Includes a general survey of the fundamental principles of sanitary science and disease prevention and their application to water supply, milk and general food supply, sewage disposal, school sanitation, and the general problems that deal with control of infectious diseases.

s225. MODERN PROBLEMS IN PHYSICAL EDUCATION. Credit, 2½ quarter hours. Prerequisite, experience and advanced work in physical education and education.

First term. Professor Cornwell. Hour: 11:00 daily. 301 Woollen.

This course is designed to give the teacher a better understanding of the current problems associated with health and physical education. Reports of committees and contributions made by individuals to the field are discussed and evaluated.

s320. RESEARCH IN PHYSICAL EDUCATION. Credit, 2½ quarter hours. Prerequisite, experience and advanced work in the field.

Both terms. First term. Professor Cornwell. Hour: 12:00 daily. 301 Woollen.

Second term. Professor Siewert. Hour: 11:00 daily. 301 Woollen.

This coure offers direction in the study of problems growing out of activities of physical education. Students who register must be experienced teachers and must have problems which they desire to study.

s341b. SEMINAR COURSE. Credit, 2½ quarter hours.

First term. Professor Cornwell and Professor Schnell. Hours: 7:00-9:00 T., Th., p.m. Prerequisite, adequate training and experience and consent of instructor.

A research course in a special field.

s341c. SEMINAR COURSE. Credit, 2½ quarter hours.

Second term. Professor Schnell. Hours: 7:00-9:00 T., Th. p.m. Prerequisite, adequate training and experience, and consent of instructor.

A research course in a special field.

Recreational Opportunities in the Gymnasium

The facilities and equipment of the gymnasium will be available to regular summer school students at all times. Locker room service, handball courts, boxing and wrestling rooms, treatment and remedial facilities, badminton, volleyball and squash courts will be open for use on regular schedule.

Recreational swimming periods will be scheduled at convenient hours.

INTRAMURAL ACTIVITIES—Mr. Allen.

Individual and group competition will be carried on in a regular organized program each term of summer school. The following activities will be included in the program: playground baseball, tennis, handball, horseshoes, badminton, volleyball, swimming, and any others in which there is enough interest to justify the inclusion of the sport in the program.

CLASSES IN SOCIAL DANCING.

First term. Beginner and Advanced Classes. Miss Tisdale and Assistants. Hours: 7:00-8:00 p.m. Monday, Tuesday, Wednesday, Thursday. Gymnasium.

Second term. Beginner and Advanced Classes. Miss Tisdale and Assistants. Hours: 7:00-8:00 p.m. Monday, Tuesday, Wednesday, Thursday.

PHYSICAL EDUCATION 1, 2, or 3. Credit, 1 quarter hour, to be used toward fulfilling the University Requirement in Physical Education.

First term. Mr. Lange. Second term. Mr. Morriss.

FOR MEN: First term. Mr. Lange. Hour: 3:00 Monday, Tuesday, Wednesday, Thursday. Gymnasium. Second term. Mr. Morriss. Hour: 3:00 Monday, Tuesday, Wednesday, Thursday. Gymnasium.

FOR WOMEN: First term. Miss Tisdale. Hour: 3:00 Monday, Tuesday, Wednesday, Thursday. Gymnasium. Second term. Miss Tisdale. Hour: 3:00 Monday, Tuesday, Wednesday, Thursday. Gymnasium.

This course is designed to teach the various skills and provide participation in a variety of individual and group games. Interest and abilities of students will determine the types of games of low and high organization carried on.

PHYSICAL EDUCATION 11—ELEMENTARY SWIMMING.

FOR MEN: First term. Mr. Jamerson. Hour: 3:00 daily. Gymnasium pool. Second term. Mr. Morriss. Hour: 3:00 daily. Gymnasium pool.

FOR WOMEN: First term. Miss Tisdale. Hour: 3:00 daily. Gymnasium pool. Second term. Miss Tisdale. Hour: 3:00 daily. Gymnasium pool.

Designed for non-swimmers or those who cannot swim more than ten yards.

PHYSICAL EDUCATION 12—INTERMEDIATE AND ADVANCED SWIMMING.

FOR MEN: First term. Mr. Jamerson. Hour: 3:30 daily. Gymnasium pool. Second term. Mr. Morriss. Hour: 3:30 daily. Gymnasium pool.

FOR WOMEN: First term. Miss Tisdale. Hour: 3:30 daily. Gymnasium pool. Second term. Miss Tisdale. Hour: 3:30 daily. Gymnasium pool.

Designed for more advanced swimmers who are interested in the various phases of teaching swimming, types of strokes, diving, life saving, and various Red Cross tests.

PHYSICS

Courses for Undergraduates

*s24. GENERAL PHYSICS. PART I. Credit, 6 quarter hours. Prerequisite, Freshman Mathematics.

First term. Professor Stuhlman and assistant. Lectures, Laboratory fee, $4.00. Hours: 10:00 to 12:00 daily, Monday through Friday. Laboratory, 2:00 to 5:00 Tuesday and Thursday. Phillips 204. Text: Foley, *College Physics.*

*s25. GENERAL PHYSICS. PART II. Credit, 6 quarter hours. Prerequisite, Freshman Mathematics and Physics s24 or equivalent.

Second term. Dr. Shearin. Laboratory fee, $4.00. Hours: Lectures, 10:00 to 12:00 daily, Monday through Friday. Laboratory, 2:00-5:00 Tuesday and Thursday. Phillips 204. Text: Foley, *College Physics.*

s41. ASTRONOMY. Credit, 2½ or 5 quarter hours.

First term. Professor Fussler. Hours: Lectures, 8:00 to 10:00 daily, Monday through Friday. Phillips 250. Occasional observations with the telescope, and other instruments. Text: Duncan, *Astronomy.*

s45ab. PHOTOGRAPHY. Credit, 3 or 5 quarter hours. No prerequisite.

First term. Professor Tiedeman. Laboratory fee, $3.50 or $5.00. Hours: Lectures, 12:00 Monday, Wednesday, Friday. Laboratory, Monday, Tuesday, Wednesday, Friday. Students who wish three hours credit will register for s45a, and will attend only the lectures and the Monday and Wednesday laboratories. One may audit the lectures above, without credit, for a fee of $5.00.

A general course for amateurs, art students, prospective teachers, and others interested in photography. Study of cameras and other photographic equipment. Picture taking, developing, reprinting, enlarging, portraiture, technique of photographing art objects, composition, color photography. Text: Mees, *Fundamentals of Photography.*

Courses for Graduates and Advanced Undergraduates

s120ab. HEAT AND INTRODUCTORY THERMODYNAMICS. Credit, 2½ or 5 quarter hours. Prerequisite, Calculus and one course in physics ((5 quarter hours) above general college physics.

Second term. Professor Plyler. Hours: 8:00 to 10:00 daily, Monday through Friday. Phillips 255.

More advanced and detailed than Physics 56, with emphasis on theory rather than experiment. Conduction of heat, kinetic theory, and thermodynamics. Text: Saha and Srivastava, *Heat.*

s169ab. ATOMIC AND MOLECULAR STRUCTURE. Credit, 2½ or 5 quarters hours. Prerequisite, Calculus; Physics 53 (Optics); 101 (Introduction to Mathematical Physics) or 110 (Physical Mechanics); 160 (Electronics); except by permission.

First term. Professor Lyddane. Hours: 8:00 to 10:00 daily, Monday through Friday. Phillips 255.

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* Physics s24 and s25 together are equivalent to Physics 21-22-23 or to Physics 24-25 of the regular session.

Experimental foundations of quantum mechanics; interpretation of atomic and molecular spectra; general introduction to wave mechanics.

Courses for Graduates

s301ab. RESEARCH. Credit, 2½ quarter hours or more.

First and second terms. Members of the staff. Hours: to be arranged.

Under this heading may be credited the work of a single quarter or that of several quarters. Theoretical or experimental work on a subject approved by the staff. Reading knowledge of German required.

PSYCHOLOGY

Courses for Undergraduates

s24. GENERAL PSYCHOLOGY. (First half.) Credit, 6 quarter hours.

First term. Professor Bayroff. Laboratory fee, $3.00. Hours: 11:00 to 1:00 daily, and others arranged. New West 101 and 110.

The essential phenomena of human nature, with emphasis upon the experimental approach. Ten lecture and four laboratory and demonstration hours a week.

s25. GENERAL PSYCHOLOGY. (Second half.) Credit, 6 quarter hours.

Second term. Professor Bayroff. Laboratory fee, $3.00. Hours: 11:00 to 1:00 daily, and others arranged. New West 101 and 110.

A continuation of Psychology s24. (Both s24 and s25, or equivalents, must be taken to complete credit in either.)

N.B. Courses s24 and s25, or equivalents, are prerequisite to all other courses in the department.

s40. PSYCHOLOGY OF PERSONALITY. Credit, 5 quarter hours.

First term. Professor Bagby. Hours: 10:00 to 12:00 daily. New West 102.

Emphasis upon emotional reactions as sources of motivation, and methods of training and retraining in the various types of emotional reactions.

Courses for Graduates and Advanced Undergraduates

s104. ADVANCED GENERAL PSYCHOLOGY. Credit, 5 quarter hours.

First term. Professor Wherry. Hours: 8:00 to 10:00 daily. New West 207.

A systematic survey of the whole general field, based upon readings in the contemporary literature especially the experimental.

s122a. LEARNING PROCESSES. Credit, 2½ quarter hours.

Second term. Professor Bayroff. Hours: to be arranged.

A review of theoretical and experimental contributions to problems in learning.

s135a. ECONOMIC PSYCHOLOGY. Credit, 2½ quarter hours.

First term. Professor Wherry. Hours: 11:00 daily. New West 207.

Equivalent to one-half of the course offered during the regular session; but emphasizing problems in guidance.

s144. MENTAL HYGIENE. Credit, 5 quarter hours.

First term. Professor Crane. Hours: 9:00 to 11:00 daily. New West 207.

Genetic study of sources of faulty and adequate behavior; with applications to problems of social case workers, also of parents and educators.

s145a. FEEBLE-MINDEDNESS. Credit, 2½ quarter hours.

First term. Professor Crane. Hour: 12:00 daily. New West 207.

Psycho-neural aspects; and importance to problems of education, dependency, and delinquency.

Courses for Graduates

s202a. EXPERIMENTAL PSYCHOLOGY. Credit, 2½ quarter hours.

First term. Professor Bayroff. Laboratory fee, $2.00. Hours: to be arranged.

A training course in the technique of psychological experimentation and research.

s202b. EXPERIMENTAL PSYCHOLOGY. Credit, 2½ quarter hours.

Second term. Professor Bayroff. Laboratory fee, $2.00. Hours: to be arranged.

A training course in the technique of psychological experimentation and research.

POLITICAL SCIENCE

Courses for Undergraduates

s51. THE GOVERNMENT OF THE UNITED STATES. Credit, 5 quarter hours.

Both terms. First term. Professor Mauck. Second term. Professor Robson. Hours: 9:00 and 11:00 daily.

A general course dealing with national government in the United States.

s52ab. THE GOVERNMENTS OF EUROPE. Credit, 2½ quarter hours each term.

First term. Professor Mauck. Second term. Professor Robson. Hour: 12:00 daily.

A study of the principal governments of Europe including Great Britain, France, Germany, Italy, and Russia.

s81. AMERICAN STATE GOVERNMENT. Credit, 5 quarter hours.

Second term. Professor Jenkins. Hours: 8:00 and 10:00 daily.

A study in the principles, organization, and administrative meth-

ods of state government. In connection with the course will be a special study of the government of North Carolina. Lectures, readings, and reports.

Courses for Graduates and Advanced Undergraduates

s101. PUBLIC ADMINISTRATION. Credit, 2½ quarter hours.

First term. Professor Fesler. Hours: 2:00 to 4:00 p.m. Mondays and Wednesdays.

General problems of public administration. Structural organization, personnel, financial planning and control, administrative legislation and adjudication.

s121. THE GOVERNMENT OF ENGLAND. Credit, 2½ quarter hours.

Second term. Professor Wagstaff. Hour: 9:00 daily.

A study of the development and operation of the English government. Local, national, and imperial aspects of England's governmental practice will receive attention.

s133. AMERICAN MUNICIPAL ADMINISTRATION. Credit, 5 quarter hours.

Second term. Professor Woodhouse. Hours: 11:00 to 1:00 daily.

Special study of the principles and problems of administration in American municipal corporations of such functions as police, public education, charities and correction, local improvements, public health, finances, with emphasis on city and town administration in North Carolina.

s134. COUNTY GOVERNMENT. Credit, 2½ quarter hours.

First term. Professor Wager. Hour: 9:00 daily.

A study of the forms of organization, the functions, and the operation of county government in the United States and especially in North Carolina in their historical development, but with special emphasis on present conditions and tendencies and on possible improvements.

s141. INTRODUCTION TO INTERNATIONAL LAW. Credit, 5 quarter hours.

First term. Professor Frazer. Hours: 11:00 to 1:00 daily.

A general survey of the history, the sources, and the content of international law.

s156. CONTEMPORARY PROBLEMS IN GOVERNMENT. Credit, 2½ quarter hours.

Second term. Professor Woodhouse. Hour: 8:00 daily.

A study of the present organization and actual operations of our national and state governments through the day to day acts of their departments as reported in the United States Daily, other newspapers, periodicals, and available official reports.

s166. POLITICAL THOUGHT OF THE 19th CENTURY. Credit, 5 quarter hours.

First term. Professor F. W. Coker. Hours: 11:00 to 1:00 daily.

An analysis of the development of the theory of constitutional democracy together with an examination of the principal lines of criticism of that form of government which were presented in the century.

s181. RECENT NATIONAL POLICY AND ADMINISTRATION. Credit, 5 quarter hours.

First term. Professor Fesler. Hours: 8:00 to 10:00 daily.

The governmental problems faced by the New Deal, and the solutions attempted through the NRA, AAA, RFC, TVA, and similar agencies. Particular attention will be devoted to administrative aspects of the New Deal.

Courses for Graduates

s210. PUBLIC ADMINISTRATION OF RESOURCES. Credit, 2½ quarter hours.

First term. Professor Wager. Hour: to be arranged.

A course devoted mainly to an analysis of the way in which publicly-owned resources are being administered by federal, state, and local governments.

s235. THE JUDICIAL PROCESS. Credit, 2½ quarter hours.

Second term. Professor Jenkins. Hour: to be arranged.

A course treating of the structure, practice, and theory of the judicial branch of governments in the British Empire and the United States.

s241. INTERNATIONAL LAW. Credit, 2½ quarter hours.

First term. Professor Frazer. Hour: to be arranged.

The materials of international law will be examined. Leading cases, treaties, and international legislative acts constitute the subjects of study.

s311. AMERICAN POLITICAL THEORY. Credit, 2½ quarter hours.

First term. Professor F. W. Coker. Hour: to be arranged.

A seminar course respecting the political philosophy which has been developed in the United States.

PUBLIC WELFARE AND SOCIAL WORK

Social Work students will register at the beginning of the summer quarter for the entire twelve weeks. Exceptions may be made for students whose courses have become irregular and who need one or more courses to regularize their work on the quarter basis. No student will be registered for case work or case wrk practice for a shorter period than twelve weeks. Application for admission to field work courses should be made not later than May first.

s101. PUBLIC ADMINISTRATION. Credit, 2½ quarter hours.

First term. Professor Fesler. Hours: 2:00-4:00 M., W.

General problems of public administration. Structural organization, personnel, financial planning and control, administrative legislation and adjudication.

Courses for Graduates and Advanced Undergraduates

s160. INTRODUCTION TO SOCIAL WORK. Credit, 5 quarter hours.

Twelve weeks. First term. Professor Lawrence. Second term. Professor Sanders. Hour: 8:00 M., F.

Essentially a pre-professional course for social work students,

giving a bird's eye view of the whole field of social work, with a brief discussion of its history, nature, purpose, scope, and present trends. Primary emphasis is placed upon methods of treatment of the socially maladjusted, such as the aged poor, the physically handicapped, those suffering from mental disease or deficiency, the delinquent, and the criminal. Special clinics and institutional visits are arranged to supplement classroom work.

Courses for Graduates

s209. BACKGROUND AND PHILOSOPHY OF SOCIAL CASE WORK. Credit, 5 quarter hours.

Twelve weeks. Professor Ashton. Hour: 9:00 M.-F.

A discussion of social case work, generic and specific; its meaning and development, scope, changing concepts; application to the different fields of social work.

s210. SOCIAL CASE WORK. Credit, 5 quarter hours. Co-requisite a case work practice course.

Twelve weeks. Professor Ashton. Hours: 10:00 to 12:00 M.

A course in the technique of case work and its scientific approach—methods of investigation, interviewing, social evidence, sources, diagnosis, treatment.

s211. ADVANCED SOCIAL CASE WORK. Credit, 2½ quarter hours.

Twelve weeks. Professor Ashton. Hours: 10:00 to 12:00 T.

A continuation of course 210.

s214. RESOURCES FOR TREATMENT. Credit, 5 quarter hours.

First term. Professor Lawrence. Hours: 2:00 to 4:00 M. and W.

Discussion of resources for treatment in case work, with especial emphasis upon public welfare activities in rural and small town areas; includes the study of special facilities for treatment of various types of cases, the social legislation involved, and actual working procedure.

s215. CASE WORK PRACTICE I. Credit, 5 quarter hours.

Twelve weeks. Professor Lawrence and Miss Dodd. Hours: to be arranged. Special fee, $10.00.

Supervised field work. A minimum of fifteen hours work a week.

s216. CASE WORK PRACTICE II. Credit, 5 quarter hours.

Twelve weeks. Professor Lawrence, Miss Dodd. Hours: to be arranged. Special fee, $10.00.

A continuation of s215. A minimum of fifteen hours work a week.

s217. CASE WORK PRACTICE III. Credit, 5 quarter hours.

Twelve weeks. Professor Lawrence, Miss Dodd. Hours: to be arranged. Special fee, $10.00.

The aim in this course is to give the student supervised work under conditions that approximate those in a well-ordered but not elaborate public social agency. A minimum of fifteen hours work a week.

s218. CASE WORK PRACTICE IV. Credit, 5 quarter hours.

Twelve weeks. Professor Lawrence, Miss Dodd. Hours: to be arranged. Special fee, $10.00.

This course attempts to give the student additional supervised experience in one or more phases of social work as best meets his needs. Fifteen hours work a week.

s219. CASE WORK PRACTICE V. Credit, 2½ quarter hours.

Twelve weeks. Professor Lawrence and Miss Dodd. Hours: to be arranged. Special fee, $5.00.

This course is intended to supplement 215, 216, 217, or 218, enabling the student when desirable to do an additional amount of field work in a particular quarter. Seven and one-half hours work a week or a total of 75 hours.

s244. MENTAL HYGIENE. (See Psychology s144ab.) Credit, 5 quarter hours.

First term. Professor Crane. Hours: 9:00 to 11:00 M.-F.

s262. PUBLIC WELFARE ADMINISTRATION. Credit, 2½ quarter hours.

Second term. Professor Brown. Hours: 2:00 to 4:00 M., W.

The development of public welfare administration in the United States. Types of state and local organizations.

s263. PUBLIC ASSISTANCE. Credit, 2½ quarter hours.

Second term. Professor Brown. Hours: 2:00 to 4:00 T., Th.

A study of public relief to the poor and other handicapped groups, including those affected by the National Security Act.

s265. HISTORICAL BACKGROUND OF SOCIAL WORK. Credit, 2½ hours.

Second term. Professor Sanders. Hours: 2:00 to 4:00 M., W.

This course traces the development of programs for the relief of the poor and the repression of vagrancy, the origin of the prison system and reforms in the criminal law; the training of dependent children; medical care for the indigent sick, etc.

s269. SOCIAL WORK ADMINISTRATION. Credit, 5 quarter hours.

Both terms. Professor Jocher. Hours: 8:00 to 10:00 T., Th.

An analysis of the administration of social agencies, both public and private. Emphasis is placed upon recent trends and developments in this field wth special emphasis upon the growing importance of office organization and management, including personnel, improved techniques and procedures, and the preparation and keeping of records. The administration of agencies in rural areas and in small towns is given special attention.

s281. MEDICAL INFORMATION II. Credit, 2½ quarter hours.

Twelve weeks. Professor Richardson. Hours: 10:00 to 12:00 F.

A survey of public health organization and practices, and of the medical institutions and facilities with which the social worker comes in contact.

s382. PSYCHIATRY FOR THE SOCIAL WORKER. Credit, 2½ quarter hours.

First term. Professor Watson. Hours: 8:00 to 10:00 T., Th.

The course includes a survey of psychiatric problems and procedures with emphasis upon those which are of the most importance to the social worker.

s341. SEMINAR. Credit, 2½ quarter hours.

Second term. Professor Sanders. Hours: to be arranged.

Individual research in a special field under the direction of a member of the department.

ROMANCE LANGUAGES

French

Courses for Undergraduates

*s11-12. INTERMEDIATE FRENCH. Credit, 10 quarter hours. Prerequisite, adequate preparation for a first-year college course.

Through both terms. First term. Mr. Whichard. Second term. Mr. Creech. Hours: 8:00 and 12:00 daily.

**s21-22. ADVANCED FRENCH. Credit, 10 quarter hours. Prerequisite, Intermediate French.

Through both terms. First term. Mr. Healy. Second term. Mr. Engstrom. Hours: 9:00 and 11:00 daily.

A survey of French Literature with selected readings from representative authors.

s52. FRENCH CIVILIZATION. Credit, 2½ quarter hours. Prerequisite, French 51 or its equivalent.

First term. Professor Lyons. Hour: 9:00 daily.

A rapid survey of political and economic developments in France. History of French institutions. Lectures, discussions, and reports are in French.

Courses for Graduates and Advanced Undergraduates

s132. THE FRENCH DRAMA SINCE 1700. Credit, 5 quarter hours. Prerequisite, French 72.

Through both terms. First term. Professor Wiley. Second term. Professor Huse. Hour: to be arranged.

A survey of Modern French Drama with special attention to the theatrical principles and ideas of the different dramatic schools of the last two centuries.

s145. FRENCH PHONETICS. Credit, 5 quarter hours. Prerequisite, French 72.

Through both terms. First term: Professor Wiley. Second term. Professor Huse. Hour: to be arranged.

A detailed study of the French vowel and consonant sounds by

* If a student takes this course for only one term of the Summer Session, he must take French 12 and French 13 in the regular session or French s12 in some later summer session, in order to fulfill the requirement of Intermediate French.

** If a student takes this course for only one term of the Summer Session, he must take French 22 and French 23 in the regular session or French s22 in some later summer session, in order to fulfill the requirement of Advanced French.

the phonetic method. This course is required of candidates with a major in French for the master's degree, and it should be elected by anyone who intends to teach French.

Courses for Graduates

s221. OLD FRENCH. Credit, 5 quarter hours.

Through both terms. Professor Holmes. Hour: to be arranged.

Reading of the oldest texts. Lectures on French phonology and morphology.

s225. PROVENCAL. Credit, 5 quarter hours.

Through both terms. Professor Holmes. Hour: to be arranged.

A study of the ancient language and literature of Provence. The poetry of the Troubadours.

s266. FRENCH LITERATURE OF THE RENAISSANCE. Credit, 5 quarter hours.

Through both terms. First term. Professor Lyons. Second term. Professor Holmes. Hour: to be arranged.

A study of French Literature of the 16th century. Italian and French Humanism. Marot, Rabelais, Calvin, the Pleiade, Montaigne.

s395. RESEARCH. Credit, 5 quarter hours.

Through both terms. Professors Holmes, Huse, Lyons, Wiley. Research in a special field.

Spanish

Courses for Undergraduates

*s11-12. INTERMEDIATE SPANISH. Credit, 10 quarter hours. Prerequisite, adequate preparation for a first-year college course.

Through both terms. First term. Mr. Burks. Second term. Mr. Walther. Hours: 9:00 and 12:00 daily.

**s21-22. ADVANCED SPANISH. Credit, 10 quarter hours. Prerequisite, Intermediate Spanish.

Through both terms. First term. Mr. Poland. Second term. Mr. Hayes. Hours: 8:00 and 11:00 daily.

Masterpieces of Spanish Literature with selected readings from representative authors.

Courses for Graduates and Advanced Undergraduates

s111. MODERN SPANISH NOVELISTS. Credit, 5 quarter hours. Prerequisite, Spanish 72.

Through both terms. First term. Professor Adams. Second term. Professor Stoudemire. Hour: 9:00 daily.

A study of the "Generation of '98," with consideration of present day tendencies.

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* If a student takes this course for only one term of the Summer Session, he must take Spanish 12 and Spanish 13 in the regular session or Spanish s12 in some later summer session, in order to fulfill the requirement of Intermediate Spanish.

** If a student takes this course for only one term of the Summer Session, he must take Spanish 22 and Spanish 23 in the regular session or Spanish s22 in some later summer session, in order to fulfill the requirement of Advanced Spanish.

s134. SPANISH DRAMA OF THE NINETEENTH CENTURY. Credit, 5 quarter hours. Prerequisite, Spanish 72.

Through both terms. First term. Professor Adams. Second term. Professor Stoudemire. Hour: 12:00 daily.

Reading of representative plays of this period. Lectures, oral and written reports.

Courses for Graduates

s395. RESEARCH. Credit, 5 quarter hours.

Through both terms. Professors Adams and Stoudemire. Research in a special field.

SOCIOLOGY

Courses for Undergraduates

s51ab. INTRODUCTION TO SOCIOLOGY. Credit, 5 quarter hours.

First term. Professor Burgess. Hours: 11:00 and 12:00 daily.

A study of social origins, contemporary society, geographical biological, and psychological forces in society, and the elements of social theory.

s52ab. SOCIAL PROBLEMS. Credit, 5 quarter hours.

Second term. Professor Lovejoy. Hour: 11:00 and 12:00 daily.

A general course giving primary emphasis to positive features and secondary consideration to the pathological aspects of society. A study of such questions as race, immigration, the family, and the community.

s62ab. MARRIAGE. Credit, 5 quarter hours.

First term. Professor Klaiss. Hour: 11:00 and 12:00 daily.

A discussion of the practical problems to marriage, parenthood, and family adjustment. Open to both men and women.

Courses for Graduates and Advanced Undergraduates

s155. SOCIAL PROGRESS AND SOCIAL VALUES. Credit, 2½ quarter hours.

First term. Professor Burgess. Hours: 8:00 daily.

This course reviews the theories and philosophy of social progress; studies social trends and social change; attempts to set up objective measuring scales of change; attempts to appraise objectively aspects of material progress and of social progress and social regress. After brief consideration of social values it attempts to set up certain objectives and goals of social achievement as a framework upon which to measure and project human progress.

s161ab. THE FAMILY. Credit, 5 quarter hours.

Second term. Professor Sowers. Hours: 8:00 and 9:00 daily.

The history, purpose and problems of the family with special attention to social conditions influencing family life and efforts for family conservation. Open to both men and women.

s168ab. THE COMMUNITY. Credit, 5 quarter hours.

First term. Professor Brooks. Hours: 9:00 and 10:00 daily.

1. A study of urban structure and growth, with primary emphasis upon such problems and programs as housing, delinquency areas, recreation, and decentralization.

2. Community organization, its origins, development, problems and prospects. Large use will be made of recent literature in this field.

s186ab. POPULATION. Credit, 5 quarter hours.

Second term. Professor Williams. Hours: 10:00 and 11:00 daily.

A study of problems of quality and quantity of population including theories of population increase, and problems of race, immigration, and eugenics.

s192. CRIMINOLOGY. Credit, 2½ quarter hours.

First term. Professor Brooks. Hours: 12:00 daily.

Criminology and penology; the study of historical and contemporary theory and practice.

Courses for Graduates

s270ab. MARRIAGE. Credit, 5 quarter hours.

First term. Professor Klaiss. Hour: 11:00 and 12:00 daily. 2:00 to 4:00 M., W.

A discussion of the practical problems of marriage, parenthood, and family adjustment. Open to both men and women.

Courses in Rural-Social Economics

Courses for Undergraduates

s71a. RURAL SOCIOLOGY. Credit, 2½ quarter hours.

First term. Professor Hobbs. Hour: 10:00 daily.

Introduction to Rural Sociology, covering such topics as rural society and rural sociology, socio-economic aspects of agriculture, conditions and movements of rural population, rural social institutions and agencies, bio-social conditions, socio-cultural conditions, rural-urban relations, etc.

Courses for Graduates and Advanced Undergraduates

s101a. NORTH CAROLINA: ECONOMIC AND SOCIAL. Credit, 2½ quarter hours.

First term. Professor Hobbs. Hour: 11:00 daily.

This course is designed to familiarize the student with North Carolina: Natural resources, population, agriculture, social conditions, economic development, industry, wealth, taxation, education, public welfare.

s103. HISTORY OF AGRICULTURE. Credit, 2½ quarter hours.

First term. Professor Hobbs. Hours: 9:00 daily.

This course traces the development of agriculture from its earliest beginnings to the present: earliest beginnings; Greece and Rome; later agriculture in Europe; American agriculture.

ZOÖLOGY

Courses for Undergraduates

s41. FUNDAMENTALS OF ANIMAL BIOLOGY. Credit, 6 quarter hours.

First term. Professor Hill. Laboratory fee, $5.00. Hours: Lectures, 8:00 daily (including Saturdays), and Monday, 2:00-4:00. Laboratory, 2:00-4:00 2., W., Th., F.

Principles of Biology; elements of anatomy, physiology of vertebrate animals, and studies of tissues, as necessary for an understanding of the organization and functioning of vertebrate animals and especially man.

s42. PRINCIPLES OF ANIMAL BIOLOGY. Credit, 6 quarter hours. Prerequisite, Zoology 41.

Second term. Professor Tucker. Laboratory fee, $5.00. Hours: Lectures, 8:00 daily (including Saturdays), and Monday, 2:00-4:00. Laboratory, 2:00-4:00 T., W., Th., F.

Basic facts and theories of individual development, heredity and evolution; introduction to structure and classification of invertebrate animals; one or two field trips for observing and collecting animals in nature.

Courses for Graduates and Advanced Undergraduates

s113. ADVANCED INVERTEBRATE ZOOLOGY. Credit, 10 quarter hours. Prerequisite, Zoology 42 or equivalent.

First term. Professor Kitchin. Laboratory fee, $12.00. Hours: Lectures, daily to be arranged. Laboratory, M., T., W., Th., to be arranged.

Morphology, principles, and classification of invertebrate forms. Open to undergraduates with majors in zoology and to graduates with minors in zoology and in special cases with permission of the department, to graduates with majors in zoology as a substitute for Zoology 106-107-108 (basic course for all advanced work in Zoology).

PART III—SPECIAL FEATURES

In addition to the courses of instruction announced in Part II of this Bulletin the Summer Session of 1940 will sponsor a general program of social activities, entertainment, recreation, lectures, and conferences. These special features can not be announced in complete detail at this time. More specific announcments concerning them will be given from week to week. Some of these attractions for which preliminary arrangements have been made are as follows:

The Department of Music will put on a series of faculty and student recitals.

The entire program will be under the leadership of a director who is a member of the Summer Session staff. An advisory committee on activities will function.

Carolina Playmakers

The Carolina Playmakers as in previous summers will present a professional play and Experimental Productions of new plays written in the summer playwriting course in their Playmakers Theatre on the University campus. Summer school students interested in dramatics will have an opportunity to take part in these productions as actors and also in designing and construction of the scenery, costuming, lighting and make-up of the productions. The plays to be presented and the dates on which they will be given will be announced later.

Thirteenth Annual Parent-Teacher Institute (August 5-9)

The Extension Division, in coöperation with the North Carolina Congress of Parents and Teachers, will hold at Chapel Hill during the period August 5-9, inclusive, the thirteenth annual Parent-Teacher Institute. Summer Session students are invited to attend and may secure information from R. M. Grumman, 307 South Building, Chapel Hill, N. C.

Nineteenth Annual Coaching School for Athletic Directors and Coaches (August 19-31)

The nineteenth annual coaching school for athletic directors and coaches will be conducted at Chapel Hill from August 19 until August 31. Instruction will be given in the coaching of football, basketball, baseball, track, boxing, and wrestling, and in training and conditioning. Robert A. Fetzer, Director

of Athletics at the University of North Carolina, will serve as director of the school and the various members of the University's regular coaching staff will serve as instructors. Information concerning the school may be secured from E. R. Rankin, Secretary, Chapel Hill, N. C.

Campus Life Program

The program of Campus Attractions is the product of the Summer School Activities Committee, Music Department, Graham Memorial (Student Union), Carolina Playmakers, Department of Physical Education and Athletics, Extension Division, Bull's Head (Book Shop), and numerous individuals. An effort is made to meet the cultural, spiritual, social, and recreational needs of all types of personalities in the Summer Session.

The YMCA building, with its lounges and committee rooms, information office, self-help office, book store, 'phone service, etc., is the center of program promotion. Graham Memorial (Student Union), equipped with parlors, social halls, billiard parlor, bowling alleys, and other games, is the social center of the campus. Both of these centers are staffed with full-time secretaries whose business it is to serve the individual and groups needs of summer students and their friends.

Among the facilities for recreation students will find billiards, bowling, shuffle board, ping-pong, checkers, chess, bridge, tennis, baseball, soft ball, horse shoes, horse-back riding, and miles of wooded trails for walking. The facilities of the new Gymnasium, with one of the largest swimming pools in the nation, will be open to summer students. In addition to regular swimming periods, open to all students, special swimming instruction will be available. For the entertainment of students there will be many teas and parties—large and small, formal and informal—numerous public attractions, constant use of Graham Memorial parlors for informal gatherings and the weekly amateur program, out-door parties, and Sunday evening concerts in the Stadium.

The cultural and educational program presents numerous musical concerts and recitals by both local and professional artists, frequent dramatic performances by the Carolina Playmakers and professional talent, a series of conferences and institutes on social and economic topics, and a schedule of informal lectures throughout the summer in such fields as World, National, and State Affairs, Literature, Drama, Music, Art, Philosophy, Psychology, Sociology and Economics, Government, Religion, and Education.

To serve the religious needs and interests of the University community there is a daily organ vesper service of sacred music. There are in the village seven organized religious denominations—Baptist, Catholic, Episcopal, Jewish, Methodist, Presbyterian, and United (Christian-Congregational)—with their customary weekly program of services and other features.

This program of campus and community life is set up primarily with respect to the tastes and needs of students in the Summer Session. Students play a prominent part in the selection of talent and determination of the nature of programs. There is a special committee of students in each dormitory for this purpose.

It is also called to the attention of students that Student Self-government plays an important role in the life of the Summer Session. In the opening week of school there will be organized a Men's Council and a Woman's Council. Matters of discipline rest almost exclusively with these two Councils.

A calendar of daily events will be published before the first term opens, showing the schedule of public attractions which have been planned to meet the personal and individual needs of the student body and faculty.

Visual Education

Several times throughout the Summer Session educational films will be presented free of admission charge. Public school teachers and others interested in visual education will in this way be given an opportunity to view a large variety of educational films. Instruction and demonstration of the operation of moving picture projections will also be provided for those interested.

Special Announcements in Music

All-State High School Music Course

The Extension Division in coöperation with the Music Department of the University of North Carolina at Chapel Hill will offer during the first term of the Summer Session, from June 13th to July 20th, an All-State High School Music course which will be open to high school band and orchestra players and members of high school choruses.

In addition to daily rehearsals of the All-State High School Band, Orchestra, and Chorus, students will be enrolled in music theory and appreciation classes and will also receive individual lessons and training in ensemble. Concerts, recitals, sports, and social recreation complete the list of activities

which are planned and supervised by a competent and experienced staff.

Enrollment is open to any high school student or graduate of the current year upon recommendation of his school superintendent and music supervisor. Membership is not contingent upon participation in music contests, although special attainments in any field are taken into account in the selection of members. The cost of the complete All-State Music Course has been reduced to the absolute minimum and a single fee of fifty-seven and one-half dollars ($57.50) covers board, room, and tuition for the six weeks course.

Courses will be offered for music supervisors and teachers having to do with the organization and direction of high school bands and orchestras. See especially the courses Music s14, s71, and Education s179a. Professor Slocum will be in general charge of the project. The staff will include Dr. Glen Haydon, Head of the Department of Music, U. of N. C.; Walter H. Bloch, Supervisor of Instrumental Music, Flint Public Schools, Flint, Michigan; J. Harris Mitchell, Department of Music, Carlton College, Northfield, Minn.; Herbert R. Hazelman, Supervisor of Instrumental Music, Greensboro Public Schools, Greensboro, N. C.; Frances Sloan, Graduate W. C. U. N. C., Teacher of Violin; Charles Miller, Instrumental Teacher, Lincolnton Public Schools, Lincolnton, N. C.; W. P. Twaddell, Director of Music, Durham Public Schools, Durham, N. C.

School officials receiving this announcement are invited to recommend several outstanding students in each of the special fields of band and orchestra for membership in the 1939 All-State High School Music Organization. Recommendations or inquiries should be addressed to the Extension Division, The University of North Carolina, Chapel Hill, N. C.

Summer Session Chorus

A special feature of the Summer Session will be the chorus which will meet daily at 5:00 P. M. for an hour of informal singing under the leadership of Mr. W. P. Twaddell, Director of Music in the Durham, N. C., Public Schools, in the first term, and of Professor John E. Toms, Assistant Professor of Music in the University and Director of the Glee Clubs and the Chapel Hill Choral Club, in the second term.

Organ and Vocal Recitals

During the second term there will be a series of recitals by members of the Music Department faculty.

Body Training and the Dance

Phoebe Barr, formerly the Dance Director of the Carolina Playmakers, will be in Chapel Hill during the first term of the 1940 Summer Session and will teach classes in the dance and in body training. These classes will be of special interest to public school teachers and to students of the drama. Mrs. Barr was a Denishawn Dancer for four years and has studied in the Wigman School and with Humphrey-Weidman. She assist-Miriam Winslow in the summer of 1937 and since then has been connected with the Metarie Park Country Day School in New Orleans. Mrs. Barr describes the classes which she plans to hold in Chapel Hill next summer as follows: one, especially designed for teachers working in secondary schools, is to be a practical survey of fundamentals in rhythms and dance for children; the other, specifically planned for students of the drama, will give particular attention to the handling of group movement in the production of plays, dealing mainly with the theory and practice in body training for work in the theatre. Mrs. Barr's classes will be offered independently and will not carry any academic or professional credit.

The Carolina Institute of International Relations

The University of North Carolina in coöperation with the American Friends Service Committee will conduct a ten-day Institute of International Relations at Chapel Hill, June 23-29. The program will include such timely topics of discussion as: *The Economic Aspects of International Relations; The European Situation; The Situation in the Orient; The Foreign Policy of the United States; The Spiritual and Ethical Aspects of World Peace.*

Lecturers and discussion leaders of national and international prominence will appear on the program. Summer session students will be admitted to the evening lectures without charge. A copy of the printed announcement of the Institute may be obtained from the University Extension Division, Room 307 South Building, Chapel Hill.

A Summer Course in Dramatic Art for High School Students

A six weeks course in dramatic art for high school students will be offered at the University of North Carolina, Chapel Hill, by the Extension Division in coöperation with the Department of Dramatic Art. The dates for this special session will coincide with the dates for the first term of the regular Summer Session, June 13 to July 20. Enrollment will be limited to fifty students.

Any high school student or graduate of the current year is eligible for enrollment. By special arrangement with the State Deparment of Public Instruction, one unit of dramatic art credit (an English elective) will be granted for the successful completion of the work offered. This unit of credit will be recognized by any high school in North Carolina and may be applied toward a high school diploma.

A carefully planned program of classroom instruction and laboratory work will provide training in acting, voice and diction, choral reading, pantomime, make-up, play-writing, body training, dramatic literature, radio script and continuity writing, and radio production. Practice experience will be afforded each student through rehearsal and performance of a number of one-act plays. Those enrolled in the school will also be encouraged to participate in the experimental productions of original plays written in Professor Koch's play-writing course (Dramatic Art s155). A public production of a bill of one-act plays written by the students will climax the work of the session.

A single enrollment fee of sixty-five dollars ($65.00) covers board, room, tuition, hospitalization, and entertainment.

The staff will include Dr. Frederick H. Koch, Head of the Department of Dramatic Art; John W. Parker, Director of the Special Session; C. M. Edson, Lillian Quinn, Sanford Reece, Beverly Peery, Katherine Gaston, Richard Walser, Instructors.

School officials are invited to recommend outstanding students in the field of dramatic art for enrollment in the High School Summer Course. Recommendations or inquiries should be addressed to John W. Parker, Box 1050, Chapel Hill, N. C.

Rural Education Workshop

Under the sponsorship of the Rural Education Department of the North Carolina Education Association and in cooperation with Dr. Howard Dawson of the National Education Association, a laboratory or workshop type of program in Rural Education has been planned for the Summer Session of 1940. An able staff has been secured to direct the activities of the teachers and administrators who enroll.

Enrollment will be limited to twenty-five schools in each term. Five persons, including the principal, will represent each of the twenty-five schools. This is intended as the first step in a continuous program of developing curriculum experience and school programs suited to the needs of Rural North Carolina.

The work in this program will be equivalent to a full seven and one-half quarter hours of summer school credit on the graduate level. Related courses in Rural Education will be open for teachers who come from schools other than those participating in the Workshop. Dr. Roy Morrison of the Education staff will be the co-ordinator for the program.

Observation School

Plans have been made for the operation of an Observation School during the first term, under the general direction of Mr. James S. Tippett, who will be a member of the regular summer school staff. The school will be organized with three groups of children, each having a competent teacher in charge. Group one will contain children six and seven years old; group two, eight and nine years old; group three, ten to twelve years old. The school will be in session from 8:30 to 12:00 each morning. It will be open for observation to those who register and pay an observation fee of $1.00. No practice teaching experience will be provided. The curriculum of the school will be centered around children's interests. Special emphasis will be placed upon democratic social living, science, reading, and arts and crafts. The Administration reserves the right to cancel this program if sufficient local students are not available.

Date Extended to 1941 to Meet Class A Certificate Requirements

An announcement has just been received from Dr. James E. Hillman, Director of the Division of Professional Service of the North Carolina Department of Public Instruction to the effect that the date set as the time after which a degree would be required for the Class *A* certificate has been extended to September 1, 1941 for all teachers in service.

This consideration will enable a number of teachers to qualify for the *A* certificate. Special assistance will be given any teacher who wishes to meet these requirements at Chapel Hill.

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING

OF THE

UNIVERSITY OF NORTH CAROLINA

RALEIGH

SUMMER SESSION
JUNE 10—JULY 19, 1940

The twenty-sixth summer session of North Carolina State College of Agriculture and Engineering of the University of North Carolina will open on Monday, June 10, and close on Friday, July 19.

The distinctive work of the State College Summer Session will be Agricultural, Engineering, Forestry, Textile, Vocational Education, and Industrial Arts. Special emphasis will be placed on vocational guidance. Many of the courses of instruction in the fields of languages, pure science, and humanities, which are prerequisite for courses in technology, will also be offered. The emphasis, however, will be placed upon instruction in technical fields.

EXPENSES

Room Rent (single room)	$10.00
Room Rent (two in a room)	7.50
Board at College Cafeteria (estimated)	30.00
Registration fee	2.00
Entertainment and Student Activity fee	1.00
Course fee (for each quarter hour credit)	3.00
Medical fee	1.00
Laboratory fee (Surveying course)	2.00

For summer session catalogue and additional information, write:

W. L. MAYER, *Direcor of Registration*
State College Station
Raleigh, N. C.

THE WOMAN'S COLLEGE
OF
THE UNIVERSITY OF NORTH CAROLINA
GREENSBORO, N. C.

SIX WEEKS' SESSION: JUNE 7 TO JULY 15, 1939

For the second year plans are being formulated for a number of the courses to run for nine weeks in order that they may be adjusted to our regular semester basis. *Dates for nine weeks' course will be June 7 to August 5.* It is hoped that the summer school will eventually be a nine weeks' term.

The two main purposes of the Summer Session are (1) to serve teachers of North Carolina to the greatest possible extent at the least possible cost, and (2) to meet the needs of our own students.

Distinctive features of the Summer Session at the Woman's College are:

1. Courses in elementary and high school education.
2. Graduate work in Home Economics and Business Education.
3. Courses in Art.
4. Courses in Art.
4. Regular and special courses in Music.
5. Observation and Nursery School.
6. Placement service without charge.
7. Social and recreational program under trained leadership.

Courses will be offered for college students who wish to advance their standing or make up work.

Expenses are as follows for six weeks:

Fees and charges	$20.00
Board, room, and laundry	33.00
	$53.00

Expenses are as follows for nine weeks:

Fees and charges	$30.00
Board, room, and laundry	50.00
	$80.00

For further information write:

Dean W. C. JACKSON,
The Woman's College,
Greensboro, N. C.